

Press	I
SHELF	3
No	41

PRESIDENT'S SECRETARIAT

(LIBRARY)

Acen. No		Class No			
The book should be returned on or before the date last stamped below.					
		ı			
			•		
	 				
	-				
	 	-			
	 				

EVERYDAY THINGS INHOMERIC GREECE

BY THE SAME AUTHORS

A HISTORY OF EVERYDAY THINGS IN ENGLAND (1066-1799)

Written and Illustrated by MARJORIE and C. H B. QUENNELL

An illustrated account of the English People, of their every-day life, occupations, and amusements. It provides a theme of enthralling interest to any who realise the interest and romance surrounding the life of the past and the evolution of manners and customs in this country, and makes a special appeal to art students, designers, and those interested in Decoration, Architecture, Costume, etc. There are over 200 illustrations, including many of full page size, from the authors' drawings, and 7 plates reproduced in colour.

"The whole life of eight changing centuries is written in these lively pages, and the record is to be commended unreservedly, both for its pictorial charm and for the soundness and variety of its archæological knowledge."—The Daily Telegraph.

"It is interesting and charming from cover to cover. The quotations are admirably chosen. A mixture of imagination and realism is exactly typical of the whole book "—The Spectator.

This immensely popular work is now issued in the following forms:—

Complete in one volume. Medium 8vo, with a special cover design by the Authors. Price 16s. 6d. net.

In two volumes, comprising the periods 1066 to 1499, and 1500 to 1799, respectively. Price 8s. 6d. net each. (These volumes may be obtained separately.)

The book is also obtainable in 6 separate parts for Schools and Class Teaching.

Each part has its own Title, Contents, and Full Index, and covers a period of history of about a century, appropriate for a term's study. The illustrations and coloured plates are all given. Bound in stiff paper covers (with the original design), price 3s. net per part.

Part I. England under Foreign Kings (1066-1199).

Part II. The Rise of Parliament (1200-1399).

Part III. The Hundred Years' War (1400-1499).

Part IV. The Age of Adventure (1500-1599). Part V. The Crown's Bid for Power (1600-1699).

Part VI. The Rise of Modern England (1700-1799).

A detailed description of Mr and Mrs Quennell's "EVERY-DAY LIFE" SERIES appears on the back of the Wrapper of this Volume.

Published by

B. T. BATSFORD LTD., 94 HIGH HOLBORN, LONDON

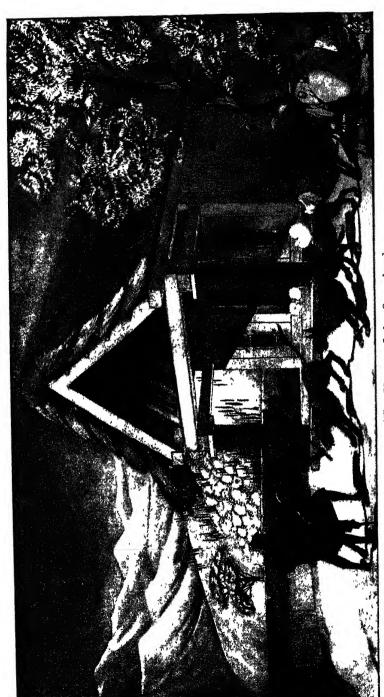
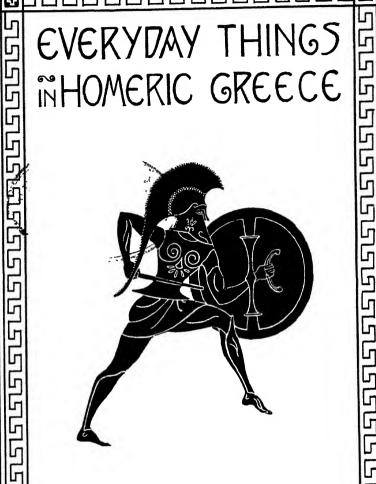


Fig. 1.—The House of the Swineheld. (Reconstruction from Argos Urn (p. 119))





ВУ MARJORIE C.H.B.QUENNELL B.T.BATSFORD La LONDON

"Let our artists rather be those who are gifted to discern the true nature of the beautiful and graceful; then will our youth dwell in a land of health, amid fair sights and sounds, and receive the good in everything; and beauty, the effluence of fair works shall flow into the eye and ear, like a health-giving breeze from a purer region, and insensibly draw the soul from earliest years into likeness and sympathy with the beauty of reason."

THE REPUBLIC OF PLATO, Book III. (Jowett's Translation).

TO

N. Q.

First Edition, Autumn 1929

PREFACE

This book is intended for boys and girls of public school age. As it has been made on rather different lines from the others we have written, a short explanation of its aims may be necessary. To-day there is hardly a Science, or Art, whose beginnings cannot be traced back to Greece. In Architecture she still reigns supreme. Gothic is no longer a living style, and our cities are planned on a Renaissance, or rebirth, of classical design inherited from Greece through Rome. The most modern type of building, an American skyscraper, soaring into the air to twice the height of St Paul's in London, decorates itself perhaps with Ionic caps from the Erectheum in Athens.

In Sculpture the figures from the pediment of the Parthenon in the British Museum, and the serene archaic "Aunts" in the Acropolis Museum at Athens, are not disturbed by the crudities of the modern sculptor.

Homer laid the foundations of Literature in Western Europe, and Plato has guided all the philosophers who have followed him. Herodotus and Thucydides founded schools of History. Wherever we turn we find that Greece led the way.

Hippocrates, born about 460 B.C., was not only a great doctor, but his oath defined for the first time the obligation of a professional man, to regard his work as more important than its monetary reward.

The engineers and technicians of to-day do all their calculations on principles discovered by the mathematicians of Greece. They substituted the "Rule of Knowledge," for "Rule of Thumb."

If this is the case, then it is obvious, unless we are satisfied with a narrowly vocational education, that we should know something of the History of Greece; but how is this to be done?

Hitherto, the approach to Greece has been solely by a literary channel, and few have been able to navigate it

PREFACE

safely. Grammar and syntax have acted as Scylla and Charybdis. The Arthurs, of "Tom Brown Schooldays," are outnumbered by the Slogger Williams, who, having no joy in words, regard their task as so much weary boredom; yet the Sloggers are often very useful people who might be caught in another way. This book is an attempt in that direction.

It seems to us that we all need a classical education, and it would be excellent if it could start in the elementary schools. Beginning with good translations, our boys and girls could be familiarised with the beginnings of the Sciences and Arts, and interested in creative work. Who knows—we might raise up the spirits of great men. The old Greeks and Romans, the men of the fifteenth and sixteenth centuries, might come to our aid, and lead the way to another Renaissance of the creative spirit.

The Tom Browns and the Slogger Williams would be humanised, and the Arthurs could be left quite safely to pass on to their own literary haven.

If, as we think, the Greeks have educated the Old and New Worlds, then we must start with Homer, because he was the Educator of Greece.

In this book we have not attempted to do more than set the scene, and secure the atmosphere of his time. In the second book we shall deal with Archaic and Classical Greece.

We are indebted to our son Peter for the translations of "Argonautica," the "Iliad," and the "Odyssey."

MARJORIE AND C. H. B. QUENNELL.

Berkhamstead, Herts., August 1929.

The publication of this book has coincided with a new edition of our "Everyday Life in the New Stone, Bronze, and Early Iron Ages." This has enabled us to draw comparisons between Homeric Greece and our own Bronze Age. "E.L." II. is used as a reference in this book and "H.G." in the other.

CONTENTS

DED	ICATIO	N.		•		•	•			•	IV
PREF	FACE	•				•				•	v
REC	OMMEN	IDED	ВОС	KS	•	•		•		•	VIII
СНА	PTER I Jason an on the V and Med PTER I	d the loyage ea—C	Heroes —Arri rete ar HE "	s—Th ival at id Gro	the Cece—	age to ourt o The A	of King Achæar	gÆet 1s—Sc	es—Ja :hliema	ann	I
	Quarrel Alexandre of Fight Hector a — Death Reconcil Hector— Burial—	ros and ing—ind Ar ind of iation -Fune	d Men Diome ndrom Patro of ral of	elaos- edes v ache- klos- Agam Patr	—Pand wound —The — New emnor oklos-	laros a ls Apl Greek 7 Arr 1 and	and his hrodite Camp nour Ach	Bow The Ne for A	—Met e Æg stor's Achille Death	thod ris— Cup es— of	
CH/	Telemac Odysseu — Naus Æolus Ithaca— the Ax Wooers	thus a is—Ca icaa— and (-Odys: es—T	nd the lypso The Circe—seus a he Tr	and (And (Minst Hade s a B ial of	ooers— Odysse trel D es—Th eggar- f the	-Teler cus—C emod ne Sire -Pene Bow-	Odysse ocus – ens—C elope– —The	us bui - Poly Odysse -The	ilds a phemi cus rea Conte	Rafi us— aches est o	t - s f
CH	Dorians Tomb — Spin — Bow Games — Thre Beacon	and of Ag ning— shots —Hou eshing	the I amem -Weav - Shi uses-1 - To	Dark non— ring— pbuild Hesioo	Age- Tiryn Cloth ling -	-Tiryi s-Ro nesA - Char nds an	ofs—S Arms— iots—	Sleepir -Fight - Trac ddesse	ig Qu ing— e-Hors s—Plo	arter Bow ses – ough	'S 'S 1S
INI	DEX, Ex Pronu	KPLAN NCIATI	ATION ON OF	of W	Vords ek N	USED	, AND	a Gu	IDE T	тн с	E . 136

RECOMMENDED BOOKS

Mycenæ	Henry Schliemann	John Murray, 1878
TIRYNS	Henry Schliemann	John Murray, 1886
The Iliad of Homer	Lang, Leaf, and Myers	Macmillan & Co., 1919
THE ODYSSEY OF HOMER	Butcher and Lang	Macmillan & Co., 1924
A Smaller Classical Dictionary	E. H. Blakeney	J. M. Dent & Sons, 1927
Atias of Ancient and Classical Geography		J. M. Dent & Sons, 1925
Companion to Greek Studies	Leonard Whibley	Camb. Univ. Press, 1916
Apollonius Rhodius, The Argonautica	R. C. Seaton	Heinemann, 1912
THE SHAFT GRAVES AND BEEHIVE TOMBS OF MYCENÆ	Sir Arthur Evans	Macmillan & Co., 1929
THE ARCHITECTURE of ANCIENT GREECE	Anderson, Spiers, and Dinsmoor	Batsford, 1927
Handbook of Greek and Roman Archi- tecture	D. S. Robertson	Camb. Univ. Press, 1929
Greek and Roman Life		British Museum, 1920
Greek and Roman Antiquities		British Museum, 1920
The Trojan Women	Trans. by Gilbert Murray	Allen & Unwin, 1925
Les Illustrations Antiques de	Kazimierz Bulas	Lwow, Paris, 1929
THE ARCHER'S BOW IN THE HOMERIC POEMS	Henry Balfour	Journal of Royal Anthropological Institute, Vol. LI., 1921
Projectile Throw- ing Engines of the Ancients	Ralph Payne-Gallwey	Longmans, Green & Co.,

EVERYDAY THINGS IN HOMERIC GREECE

CHAPTER I.—THE ARGONAUTS

In any book which deals with Greece, the first name to be mentioned should be that of Homer. He was the great educator of Ancient Greece. Xenophon makes one of his characters in the "Symposium" say, "My father, anxious that I should become a good man, made me learn all the poems of Homer."

Herodotus, the father of History, who wrote in the fifth century B.C., opens his book with references to the voyage of the Argonauts and the Siege of Troy, and by the far more critical Thucydides, who wrote at the end of the same century, Homer was evidently regarded as a historian to be quoted as an authority. If we follow their example, we shall be in excellent company.

We will begin with the voyage of the Argonauts, because in this tale we find the spirit of adventure and love of the sea, or rather use of the sea, which was to be so characteristic of the Greeks of classical times. We may be able to capture some of the atmosphere of that heroic age, when gods like men, and men like gods, lived, loved, and fought together.

As to our authorities on the adventures of the Argonauts, Homer does not say very much, evidently thinking that his readers would know all about them. This is shown in the twelfth book of the "Odyssey." "One ship only of all that fare by sea hath passed that way, even 'Argo,' that is in all men's minds, on her voyage from Æetes." Fortunately for us, the details which were in all men's minds were gathered together by Apollonius Rhodius, who lived

JASON AND

in Alexandria in the third century B.C. The details we give are quoted from his book "Argonautica."

This opens with a scene at the Court of Pelias, King of Iolcus, in Thessaly, who is disturbed because he has heard from an oracle "that a dreadful doom awaited him—that he should be slain at the bidding of the man whom he saw coming forth from the people with but one sandal." When Jason arrives with only one sandal, having lost the other in the mud, it is not to be wondered at, that he found his welcome a little chilly. "Quickly the king spied him and, brooding on it, plotted for him the toil of a troublous voyage, that on the sea or among strangers he might miss his home-coming."

The troublous voyage was to sail to Colchis and find the oak-grove wherein was suspended the Golden Fleece, guarded by a dragon, and having found the Fleece, to bring it back. Here was a task worthy of heroes. Jason gathered together a band. First came Orpheus, the music of whose lyre "bewitched the stubborn rocks on the mountain-side and the rivers in their courses." Then Polyphemus who, in his youth, fought with the Lapithæ against the Centaurs, and Heracles himself came from the market-place of Mycenæ, and many others, sons and grandsons of the immortals.

The goddess Athene "planned the swift ship, and Argus, son of Arestor, fashioned it at her bidding. And thus it proved itself excellent above all other ships that have ventured onto the sea with their oars"—which only means that there was a streak of genius in the design of the "Argo," because genius is a gift from the gods.

Jason was appointed leader, and preparations were made for launching the "Argo." "First of all, at the command of Argus, they girded the ship strongly outside with a well-twisted rope, pulling it taut on both sides, that the bolts might hold the planks fast and the planks

THE HEROES

withstand the battering of the surge." The heroes then dug a trench down to the sea and placed rollers under the keel. Then they reversed the oars, putting the handles outboard, and bound them to the thole-pins, and the heroes, standing on each side of the boat, used the projecting handles of the oars to push the "Argo" down into the sea. Then the mast and sails were fitted, and they drew lots for the benches for rowing, two to each bench.



Fig. 2.—Herakles strangling the Nemean Lion.

"Next, heaping shingle near the sea, there on the shore they built an altar to Apollo . . . and quickly spread about it logs of dried olive wood." Two steers were brought, and lustral water, and barley meal, and Jason prayed to Apollo to guide their ship on its voyage and bring them all back safe and sound to Hellas, "and with his prayer cast the barley meal." Heracles and Ancæus killed the steers. "Heracles struck one of the steers with his club in the middle of the brow, and dropping in a heap where it stood, it tumbled to the ground; Ancæus smote on the broad neck of the other with his brazen axe and cut through the mighty sinews; and it fell prone on both its horns. Quickly their comrades slit the victims' throats and flayed the hides; they severed the joints and cut up the flesh, then hacked out the sacred thigh bones, and when they had wrapped them about with fat, burnt them upon cloven wood. And Jason poured out pure libations."

THE VOYAGE

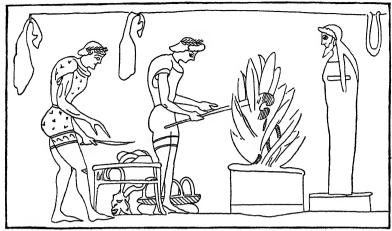


Fig. 3.—Sacrifice.

B.M.

This was the general practice. Sacrifices were offered to the gods on all important occasions. The sacred thigh bones were burnt in their honour, and the joints eaten by the people in the festival which followed.

Achilles, the son of Peleus, who was to become a great hero himself, was brought by his mother to see the

departure.

After the heroes had feasted and slept, they went on board the "Argo" and sailed away "Eastward Ho," or, rather, rowed away. To the sound of Orpheus's lyre they "smote the swelling brine with their oars, and the surge broke over the oar-blades; and on this side and on that the dark water seethed with spume, foaming terribly under the strokes of the mighty heroes. The ship sped on, their arms glittering like flame in the sunlight, and, like a path seen over a green plain, ever behind them shone their wake.

"Presently they raised the tall mast in the mast-box,

and fastened it with the forestays, pulling them taut on both sides, and when they had hauled it to the top-mast, they lowered the sail." We cannot follow the Argonauts through all their travels, but the first part of their voyage

TO COLCHIS

was to Colchis, which, in Greek mythology, was situated at the eastern end of the Black Sea. There the Argonauts voyaged, hugging the shores as they went. They did not reach Colchis without adventure—heroes never do. In the Sea of Marmora they encountered insolent and fierce men, "born of the Earth, a marvel to see for those that dwelt about them, each with six mighty hands that he raises, two springing from his sturdy shoulders, and four beneath, fitting closely to his terrible sides." The Argonauts were attacked by these Earth-children, but Heracles "swiftly bent his back-springing bow against the monsters, and one after another brought them to ground."

Then for twelve days and nights fierce tempests arose and kept them from sailing, so they sacrificed to Rhea, the mother of all the gods, that the stormy blasts might cease. "At the same time, at Orpheus's bidding, the youths danced a measure, fully armed, clashing with their swords on their bucklers."

At another time "around the burning sacrifice they set up a broad dancing-ring, singing, 'All hail, fair god of healing, all hail.'"

It was in the Cianian land that Heracles and Polyphemus were lost, while searching for Hylas, who had been carried off by a water-nymph, and so the heroes sailed without them. Here it was that the heroes made fire by twirling sticks.

They next arrived at the land of the Bebrycians, where they found that all strangers had to box with the King Amycus. Polydeuces stood forth as the Argonauts' champion. A place of battle having been selected, "Lycoreus, the henchman of Amycus, laid at their feet on each side two pairs of gloves made of raw hides, dry and exceeding tough." Just as modern prize-fighters tell the world how they are going to make mince-meat of their opponents, so Amycus warned Polydeuces that he was to learn "how

ADVENTURES ON

skilled I am in carving the dry oxhides, and in spattering men's faces with blood." The fight was truly heroic, "cheek and jaw bones clattered on both sides, and a mighty rattling of teeth arose, nor did they give over from fisticuffs until a gasping for breath had overcome them both." The fight was brought to an end when Amycus, rising on tiptoe, swung his heavy hand down on Polydeuces, who, sidestepping, struck the king above the ear and so killed him.

Their next adventure was in the Bithynian land, where they came to the assistance of Phineus, who was plagued by the Harpies, who came swooping through the clouds and snatched his food away with their crooked beaks. In return for their help, Phineus tells them of the dangers which still await them on the way to Colchis. So they were able to pass safely through the rocks which crashed together face to face.

It was in the land of the Mariandyni that Idmon, one of the heroes, was killed by a boar, and a barrow raised to his memory. Then they came to the land of the Amazons, but did not stop to fight the war-loving maids. Next they came to the land of the Chalybes, who

Next they came to the land of the Chalybes, who "take no thought for ploughing with oxen nor for planting any honey-sweet fruit; they do not pasture flocks in the dewy meadows. But they burrow the tough iron-bearing soil, and what they earn they barter for their daily food; never a day dawns for them but it finds them hard at work, amid drear sooty flames and smoke they endure heavy labour."

When they came to the island of Ares and its dangerous birds, "on their heads they set helmets of bronze, gleaming terribly, with tossing blood-red crests" as well; they had to hold their shields roof-wise over the "Argo" to defend themselves from the feathers which the birds there could discharge from their wings like arrows.

THE VOYAGE

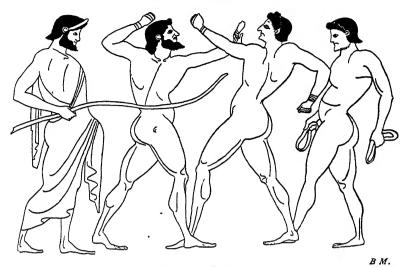


Fig. 4.—Boxers.

On and on they went, until "the precipices of the Caucasian Mountains towered overhead, where, bound on hard rocks by galling fetters of bronze, Prometheus fed with his liver an eagle that ever swooped back upon its prey. High above the ship in the evening they saw it flying close under the clouds, with a loud whir of wings. It set all the sails quivering with the beat of those huge pinions. Its form was not the form of a bird of the air, but it kept poising its long flight-feathers like polished oar-shafts. And soon after they heard the bitter cry Prometheus gave as his liver was torn away; and the air rang with his yells until they sighted the ravening eagle soaring back again from the mountain on the self-same track."

Not long after they came to the mouth of the River Phasis, and "on their left hand was the lofty Caucasus and the Cytæan city of Aea (Colchis), and on the other hand the plain of Ares and Ares' sacred grove, where the serpent kept watch and ward over the Fleece, hanging on the leafy branches of an oak." So the heroes anchored the "Argo"

ARRIVAL AT THE

in a shady backwater, and there debated how they should achieve their end. Fortunately for them, Hera and Athene decided to come to their assistance, in a way we will tell later. The heroes' own idea was the extremely simple one of going up to the Court of the King Æetes and asking him to give them the Fleece. Jason was sent, and the king, on hearing the request, was filled with rage, and said, "Was it not that you had been guests at my table, verily I would have cut out your tongues and chopped off both hands and sped you forth with your feet alone." The king, being unable to do this, as they had broken bread with him, thought of a tremendous trial: "Two brazen-footed bulls are mine, that pasture on the Plain of Ares, and breathe forth flame from their jaws; them I yoke and drive over the stubborn field of Ares, four plough-gates; quickly I furrow it with the plough-share as far as the headland, casting into the furrows by way of seed, not the corn of Demeter, but the teeth of a dreadful serpent which spring up into the fashion of armed men; them I slay at once, laying them low beneath my spear as they leap against me on every side. In the morning I yoke the oxen, and in the evening I cease from the harvest. And thou, if thou canst accomplish such deeds as these, on that very day thou shalt carry off the Fleece."

Jason was not cheered by the prospect, and "sat where he was, mute and helpless in a sorry plight." The time had come for Hera and Athene to help him. Their plan was to persuade Eros to "let fly his arrow at the daughter of Æetes (Medea) and bewitch her with love for Jason." As some of the most beautiful writing in the poem is concerned with the love-making of Jason and Medea, we will give a few details. Eros had passed into the palace with Jason, and Medea was watching his interview with her father, Æetes. Eros took the opportunity to quickly string his bow and fit an arrow from in a shady backwater, and there debated how they should

COURT OF KING ÆETES

his quiver, and shoot at Medea. "Deep into the maiden's heart like a flame burnt his shaft; and ever she kept darting bright glances straight up at Æson's son, while inside her breast the heart panted

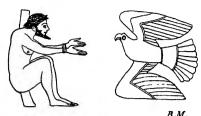


Fig. 5.—Prometheus.

quick in its anguish; all recollection left her, and with the sweet pain her very soul melted."

Poor Medea retired to her chamber, after she had heard the judgment of her father Æetes, and "in her soul much she pondered all the cares that the Loves arouse. And before her eyes the vision still remained—the likeness of himself, how he was clad, such words as he spake, how he sat in his chair, how he went out towards the doorand, brooding, there never was such another man she thought; while always in her ears rang his voice and the honey-sweet words which he had uttered. And she feared for him." Was there ever such a dilemma for a poor maiden? Jason did not even know that she loved him, and how was she to tell him? Æetes wanted to kill Jason, and Medea very much wanted to keep him alive. Medea wanted to help Jason with her magic arts, because she was something of a sorceress, and yet that seemed very disloyal to her own father. In the end love won, of course, and a message was sent to Jason to meet her at the holy shrine of Hecate. There Medea waited for him, and when he came and spoke to her, "her soul melted within her, uplifted by his praise, and she gazed upon him face to face; nor did she know what word to utter first, but was eager to pour out everything at once." Even a dull male like Jason began to see what was in the wind, because we read a little later, "now both were abashed and fixed their eyes upon the ground, and again they glanced up at one another,

JASON AND MEDEA

smiling with the light of love beneath their radiant brows."

So Medea gave a charm to Jason which enabled him to carry out the hard task imposed by Æetes. Then the Golden Fleece was seized by the Argonauts, and carried off, and with them went Medea, because she feared her father's wrath for helping Jason. Of their marriage, which was not happy, or the further travels of the Argonauts before they reached home, we cannot here tell, but they should be read in the translation of R. C. Seaton in the Loeb Library.

Modern scholars think that the "Voyage of the Argonauts" was a poetical description of the travels of men seeking the Land of Gold. The early miners first found gold by its sparkle in the beds of streams. Then traced it to the rocks from which it had been washed out. Then they are supposed to have recovered the gold dust, which was being carried down stream, by suspending a fleece in the water so that the grains would be caught in the oily wool. When Jason snatched the Golden Fleece from the oak-grove, "from the shimmering of the flocks of wool there settled on his fair cheeks and brow a red flush like a flame."

Down through all the ages men have desired gold for the sheen of its beauty. A visit to the Prehistoric Room at the British Museum will show how much it was used here in England for ornaments in the Bronze Age. We refer to it in "E.L.," II., p. 80.* Only in our time is gold dug out of the earth in one part of the world, to be buried in a vault in another; obviously because we fear its magical qualities.

The legendary history of the "Argo" will have helped us to understand the love of adventure and movement of the Greek people. The character of the country played a great part in their development. Like Norway, the fertile plains are cut off one from another by mountain ranges in between. This led to the founding of small

^{* &}quot;Everyday Life" Series, by the same Authors.

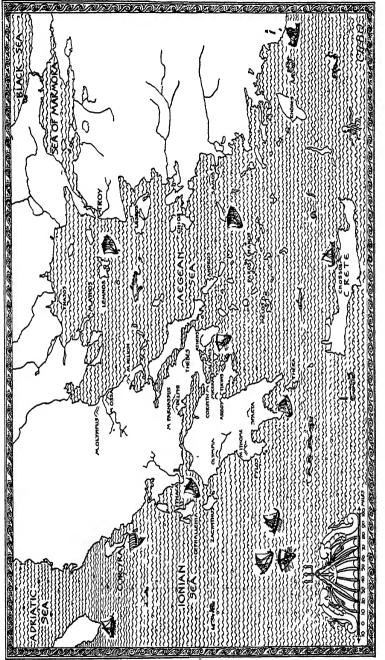


Fig. 6.—Map of Homeric Greece and the Surrounding Seas.

CRETE AND

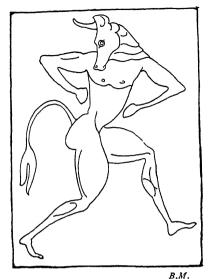


Fig. 7.—The Minotaur.

city States, and genius flourishes better so than in the vast ant-heaps of modern man. When the inhabitants of these small States became too numerous to be supported by the surrounding countryside, like the Norsemen later on, they were forced to go to sea as sailors, traders, or pirates. Sailing about, they discovered other desirable places, and so founded colonies. incomparable beauty of

their country turned them into poets. The people lived on the plains, and their gods on the cloud-topped mountains.

A glance at the map of their world, Fig. 6, will show that Greece was well placed to play a part in classical times as a maritime and the country of the countr times as a maritime nation. The Great Powers then were Egypt, Assyria, and Persia, and the trading ports in Asia Minor could easily be reached by Greek boats. Yet they were far enough away not to be a source of danger, unless the enemy understood the use of the sea; and they did not. When Persia did at last attack Greece, their navy was only used as an auxiliary to their army, which had to cross the Hellespont, and make the weary journey by land, through Macedonia and Thessaly. Greece was left to herself, free to grow, until she was strong enough to resist oppression. Another great Power had to wax and wane before her

time came. The Minoans, a Mediterranean people living in the island of Crete, had developed the wonderful civilisation which has been unearthed by Sir Arthur Evans in the palace at Cnossus.

GREECE

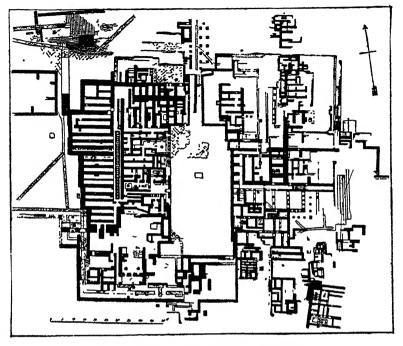


Fig. 8.—Plan of the Palace of Cnossos.

Their greatest period seems to have been between 1650-1450 B.C., and then catastrophe fell upon them. They were another seafaring people, and built up their kingdom on trade. Their ships sailed to the Nile with oil and wine, wheel-made pottery and sponges, and they were known there as the Keftiu. The Minoans must have had some early connection with Greece. The legend of the Minotaur, a huge bull-like monster kept in a labyrinth at Cnossos, and fed on seven youths and seven maidens sent each year by the Athenians, is, in all probability, a poetical rendering of some less bloodthirsty tribute.

Our illustration, Fig. 7, from a sixth-century black figure vase, suggests that the wily Athenians picked out rather stringy youths and maidens, because the Minotaur looks thin and hungry and not huge.

THE ACHÆANS

Theseus, the great hero of the Greeks, went one year, and Ariadne, the daughter of Minos, the King of Crete, fell in love with him. She provided Theseus with a sword to kill the Minotaur, and a thread to find his way out of the labyrinth. If you go to Cnossos to-day to see the ruins uncovered by the patient labour of Sir Arthur Evans, it is easy to see how the legend of the labyrinth may have grown up. The palace had a great central courtyard surrounded by a perfect maze of small chambers and winding passages in which any stranger must have lost his way.

Fig. 9 shows the great stairs leading down from the courtyard to the king's quarters. The characteristic Minoan columns with shafts tapering downwards should be noted.

Of course the palace, which was destroyed about 1450 B.C., was much later than the one of the legend of Theseus, but the legend is proof that in that earlier time Crete was great and powerful, and Greece had to depend on her heroes for protection. Theseus was a friend of the Argonauts. The palace was built in a pleasant valley, some few miles from the sea, and was not defended by any system of fortifications. The ruins to-day conjure up in one's mind a picture of all that one has ever imagined of Eastern palaces, and it is difficult to find any resemblance between the plan of Cnossos and the later fortified acropolis of the Greeks. But many of the Minoan details were transplanted, as we shall see. These details may have been learned from articles which were imported into Greece from Crete. The celebrated gold cups, found at Vaphio in Laconia, are undoubtedly of Minoan manufacture. They may have been bought in legitimate trade, but more probably they formed part of the loot of a raid, and for this reason. It is thought that about 1450 B.C., one of those movements of which we have written in our other books began. Northerners began to filter down into Greece, and to these men the name of Achæans has been given. The

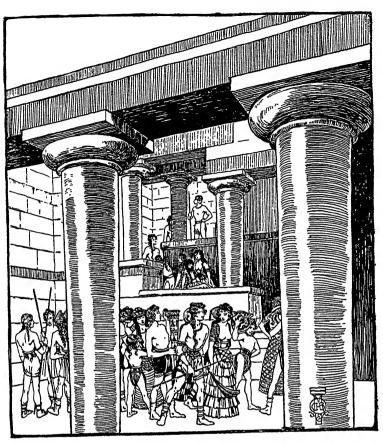


Fig. 9.—The Great Stairs at Cnossos.

closest parallel would be those other Northmen, Norsemen, or Normans, who attacked the Franks and settled down in a part of Gaul, Normandy, in A.D. 912. We know that the Normans when they arrived were much like the people described in "Beowulf" (see "E.L.," IV.). They were not bent on destruction, but once secure in their new home were content to learn from the Franks how to build stone castles and wonderful cathedrals.

In much the same way it would seem that the Achæans did not destroy the Minoan influence on the mainland of Greece, but instead learned how to build from the work

SCHLIEMANN

they found there. They used the inverted tapering columns, and other details of decoration, but the planning of the buildings was made to correspond to their particular needs, and, like the Normans, they wanted, not palaces, but fortified castles. Here we might remind our readers that, though we are writing of what happened over 3,300 years ago, that is only yesterday so far as the history of the Mediterranean is concerned — Sir Arthur Evans found Neolithic, or New Stone Age, remains under the buildings at Cnossos, and it is probable that the Minoans were descended from the same Mediterranean stock that found their way to England in the New Stone Age, and of whom we wrote in "E.L.." II.

We can now pass on to another name honoured in archæology, that of Dr Schliemann. We cannot here tell how, as a poor boy, he conceived the idea of excavating Troy; of his struggles first to educate himself, and then to escape from the trap of commercialism, but in the end it was done, and his life is one of the great romances, and an inspiration to all other boys not born with a silver spoon for feeding purposes. During Schliemann's youth and middle age, everything was subordinated to this one purpose, and when at last his dream came true, his excavations at Troy, Mycenæ, and Tiryns laid bare the background of a life like that described in the Homeric poems.

Every detail of the poems is the subject of keen debate by scholars all over the world, and their debates can be Homeric in intensity. This only means that the subject is so vitally interesting and important that it rouses men. It would be impertinent for us to enter the lists. All that we intend to do is to illustrate the details of the "Iliad" and the "Odyssey" as far as possible, by the discoveries of the archæologists. If our readers are interested, they can then become scholars themselves, and throw javelins barbed with words in the best company.

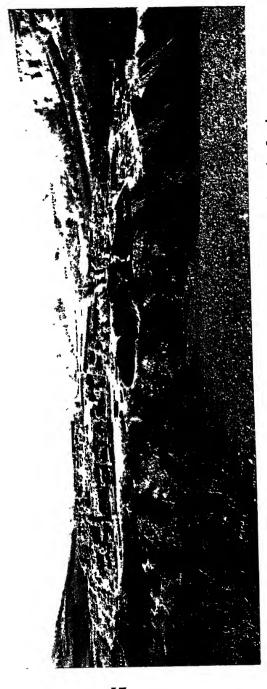


Fig. 10,-General View of the Site of the Palace of Cnossos from the South. (From a Photograph kindly lent by M1 Theodorke Fyfe)

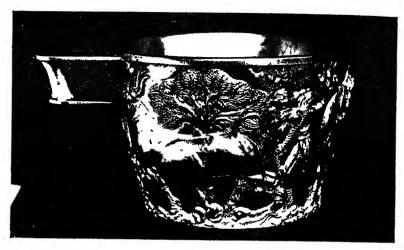


Fig. 11.—Vaphio Cup. (See p. 14.)



F1G. 12.—Nestor's Cup. (See p. 36.)
From the reproductions in the Gem Room at the British Museum)
18



Fig. 13.—Helen and Paris.

CHAPTER II.—THE "ILIAD"

BOOK I.—The first book of the "Iliad" opens when the Greeks have been besieging Ilios or Troy for nine years. There is no dull setting of the scene, but we are at once plunged into the quarrel between Agamemnon and Achilles. Agamemnon had taken the daughter of Chryses, the priest, who prays without avail that she may be restored to him. Then Phæbus Apollo was wroth at heart, and the dread clanging of his bow was heard, and for nine days the gods' shafts ranged through the host. Agamemnon is persuaded to send back Chryseis to her father, but takes Briseis from Achilles, who is restrained by the goddess Athene from taking vengeance on Agamemnon.

QUARREL BETWEEN

As so often happened, the heroes had sprung from the immortals, and though the father of Achilles was Peleus, King of the Myrmidons, his mother was Thetis, a goddess of the sea. She, indignant at the slight put on her son, rose up from the waves, and went to the home of the gods on many-ridged Olympus. There she spoke to Zeus, son of Cronos, and father of the gods, and prayed him to grant victory to the Trojans, until the Greeks should honour her son Achilles. Zeus is troubled, being a little afraid what ox-eyed Hera, his wife, will say. She does upbraid him, and lame Hephaistos, their son, tries to make peace, saying, "Verily a sorry business this will be and not endurable, if ye two thus fall out for mortals' sake, and bring dissension among the gods."

This is just what does happen in the "Iliad." Not only do the mortals fight on earth, but the gods descend from Olympus and take sides, and, quarrelling between themselves, the whole heavens become full of the thunder of their tremendous combat.

There are many interesting details in this first book. Odysseus of many devices, takes back Chryseis to her father, in a ship with twenty oarsmen, and a hecatomb of a hundred animals to be sacrificed to the Far-darter Apollo. Arrived at Chryse "they furled their sails and stowed them in the black ship; the mast they lowered by the forestays and quickly brought it to the crutch, and rowed her with oars to the anchorage. Then they flung out the anchor stones and made fast the hawsers." Then follow details of the sacrifice to Apollo. The animals are set in order around the altar. The men wash their hands and take up the barley meal. The priest prays to Apollo to stay his affliction of the Greeks, and sprinkles the barley meal. The animals' heads are drawn back, and they are slaughtered and flayed. Slices are cut from the thighs and wrapped in fat, making a double fold. Raw collops were laid thereon,

ACHILLES AND AGAMEMNON

and the priest "burnt them on billets of wood and poured libation over them of gleaming wine; and at his side the young men held five-pronged forks. Now, when the thighs were consumed and they had tasted of the vitals, then all the rest they carved up and spitted it and roasted it well, and took it off the fire again." Then they feasted, and after worshipped the god with music.



Fig. 14.—Hephaistos.

This ceremonial of the sacrifice followed by the feast was to remain until Christian times. Pope Gregory even recommended that the early Christians "no more offer beasts to the devil, but kill cattle to the praise of God in their eating" ("E.L.," IV., p. 46).

It should be noted that we have not yet been told why the Greeks had gone to besiege Troy. There is one reference in the quarrel between Achilles and Agamemnon, where Achilles says:—

"... But it was thy lead we followed here, thou shameless one, for thy pleasure, to win thee thy due from the Trojans, thee and Menelaos, thou dog-face!"

It was not necessary for Homer to tell his audience that Paris, or Alexandros, the son of the King of Troy, had stolen Helen of Argos, the wife of Menelaos, who was the brother of Agamemnon. The "Iliad," like our own Anglo-Saxon poem, "Beowulf," was a tale that had been told, and retold, a thousand times, until it was fixed into its final form by the genius of Homer. So the old Greeks

FIGHT BETWEEN

would have found a great deal of their pleasure in the actual telling of the tale.

We must think of the "Iliad" as a tale well told by Homer, one of the world's great tale-tellers, and not only as a written book to be read.

Had Homer lived to-day he would have been a great broadcaster. He realised the necessity of interesting his listeners at the very beginning, hence the dramatic quality of the first book of the "Iliad," with the quarrel of Achilles and Agamemnon, which is to have such tragic consequences for the Greeks.

Book II.—In the second book we find how the Greeks are moved to renew their attack on the Trojans, and then follows a catalogue of the men and their ships. They had come from Athens and Argos, Tiryns and of the great walls, from Corinth, Sparta, and Arcada.

"Odysseus led the great-hearted Cephallenians, them that possessed Ithaca and Neriton with quivering leafage."

From all parts of Greece they came, and their great opponent was Hector of the glancing helm, the son of Priam, and leader of the Trojans.

Book III.—In the third book we find the Greeks and Trojans drawn up in battle array against one another. This did not mean that one smudge of men on one horizon fired at another smudge on the other, as they would do to-day. The Greeks and Trojans would not have been parted by much more than a bow-shot.

Then comes the challenge of Paris, who stole Helen, to all the chieftains of the Argives, to fight him man to man in deadly combat, and the challenge is taken up by Menelaos, the injured husband. Then Paris was daunted, and shrank back, until Hector his brother drives him to fight. It was then arranged that the two should fight, and the winner was to have Helen and all her wealth, and the war between the Greeks and Trojans was to cease.

ALEXANDROS AND MENELAOS

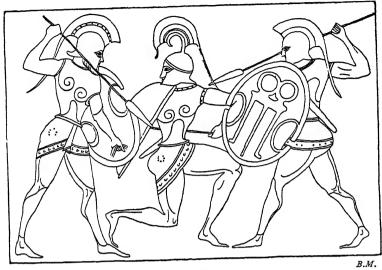


Fig. 15.—Warriors.

The men in the ranks of the Greeks and Trojans sat down. Lambs were brought for sacrifice, and Priam was sent for that he might pledge the oath. Helen was told that: "Alexandros and Menelaos, dear to the War-god, will contest thee with their long spears; thou shalt be proclaimed dear wife of him who conquers." The sacrifice was offered, then Paris gained the right to cast the first spear. "And upon his back fair Alexandros girt his splendid harness, Alexandros, spouse to Helen of the lovely hair. First of all upon his legs he donned his greaves, which were beautiful to see, and clasped with silver round the ankles. Then upon his breast he put the corselet of his brother Lykaon, settling it to fit him. Across his shoulders he threw his brazen sword, silver studded, taking as well a shield, huge and sturdy. Upon his mighty head he placed a strongly wrought helmet, topped with an awful plume of nodding horsehair, and picked a strong spear, easy to his hand. And thus, too, did warlike Menelaos gird on his harness. . . ." The fight is described, first Alexandros

PANDAROS AND

"flung his spear whose shadow flies afar; and it drove against Menelaos's round target, but its bronze point did not pierce the stout target, but turned back. . . ." Then Menelaos "lifted and hurled his spear and struck against the round target of Priam's son. Into the bright shield drove the heavy shaft, and on into the wrought corselet, until it had ripped the jerkin at his flank; but he plunged aside and so shunned black death. Then Menelaos drew his sword and, heaving up his arm brought it down upon the other's helmet-ridge, but the steel shivered into three and four pieces, and dropped from his hand."

Then comes the typically Greek touch to the tale.

"Menelaos leapt upon Paris, and caught him by the horsehair crest of his helmet, and would have killed him, and gained again his wife Helen." But this would have been far too like plain sailing. Man would not have been shown as the sport of the gods, struggling along a difficult path, and only winning to his end, or loosing all, through tragic happenings. Zeus's daughter, Aphrodite, comes to the assistance of Paris, and hurls him through thick darkness to safety in the palace of Priam. The Trojans were quite innocent of any wish to hide him from Menelaos, because, "he was hated of all, even as black death."

The fates were against them all; they needs must fight, and from this there was no escape.

Book IV.—The fourth book opens with a consultation between the gods as to "whether once more we shall arouse ill war and the dread battle-din, or put friendship between the foes."

Father Zeus, who loves the men of holy Ilios (Troy), wishes for peace, but Athene and Hera sit by him, and devise ills for the Trojans. It is Hera who conceives the diabolical plan of making the Trojans break their oath, and do violence to the Greeks. Athene is sent in the likeness of a man, and persuades Pandaros to shoot an arrow at

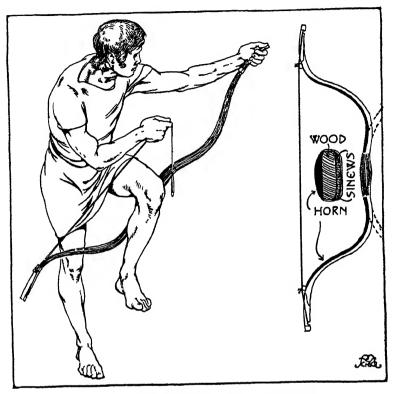


Fig. 16.—The Back-Bent Bow of Odysseus.

Menelaos. "Forthwith he unsheathed his polished bow of horn of wild ibex." Pandaros had shot the ibex himself, and taken the horns, sixteen palms in length, to a worker in horn, who joined them cunningly together and polished them all well, and set the tip of gold thereon. After the bow had been strung, Pandaros's comrades held their shields before him, and he took a feathered arrow and laid the bitter dart upon the string, and vowed to Apollo, the lord of archery, one hundred firstling lambs:—

"... He drew his bow, holding in the same grasp the arrow-notch and the bow-string of ox's sinew, and stretched back the bow-string as far as his breast, and the

METHOD OF FIGHTING

iron arrow-head as far as the bow, and, when he had drawn the great bow into a circle, the bow twanged and the string hummed aloud and the sharp arrow sped forth, keen to wing its way into the press. . . ." The daughter of Zeus protected Menelaos, and turned the arrow aside from the flesh, so that "on the clasped belt it struck and drove through the rich belt and through the curious corselet, on through the metal-studded apron which he wore to guard his flesh against darts; and this it was defended him best, but this too did the arrow pierce, grazing his outermost flesh and straightway the dark blood poured from his wound. . . ." The taslet made by the coppersmith was worn beneath the corselet. Menelaos's legs were stained with blood, "just as when a Maionian or Karian woman stains ivory with scarlet to make the cheek-piece that horses wear." These ivory cheek-pieces for horses were used here in England (see "E.L.," II., Fig. 57).

The Greeks had army doctors, because Machaon, the hero son of Asklepios, the noble leech, is called in. He draws out the arrow from the wound, sucks out the blood, and cunningly spreads thereon soothing drugs.

This treachery, to which the Trojans were forced by the gods, leads to renewed battle between them and the Greeks. This is a point which must not be lost sight of. The combatants, like the men in our Great War, fought, not because they loved fighting, but because fate drove them on.

The method of fighting described by Homer is different from that of classical Greece. Nestor of the Pylians "first drew up the charioteers with their horses and their chariots, and behind them the infantry many and brave, to be a bulwark in fight. The cowards he thrust into the middle, that, however backward a man might be, willy-nilly they must all do battle. And to the charioteers first he gave their orders, bidding them hold in their horses,

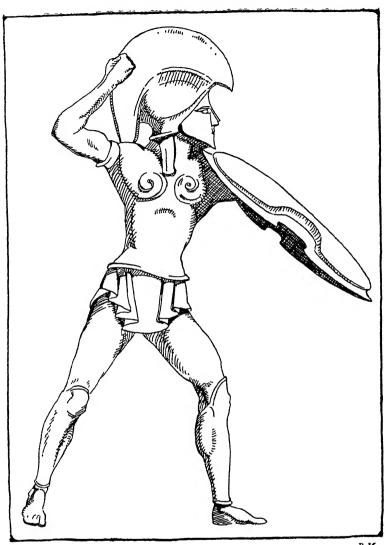


Fig. 17.—Figure from Dodona.

B.M.

and see to it that they did not become entangled in the press. 'Nor do any of you,' he said, 'because he trusts in his skill with horses and in his valour, hanker after fighting the Trojans alone in front of the rest, nor yet draw back behind his fellows. So will your force be diminished.

C

DIOMEDES WOUNDS APHRODITE

But, when a man from his own chariot can come at the chariot of a foeman, then let him drive in his spear; thus it is best.' Thus, too, did men of olden times lay low cities and ramparts, having such council as this. . . ."

The men fought with spear and sword, or cast stones at one another, and protected themselves with bucklers. It is difficult to discover any method in the fighting in the pages of Homer, because he lays stress on a series of combats between champions of either side, sometimes on foot and sometimes in their chariots. Only, "Achilles, son of fair-haired Thetis, fights not, but among the ships nurses his bitter rage."

Book V.—In the fifth book Diomedes is helped by Pallas Athene to distinguish between god and man, but warned that "... if any god comes here to try thee, fight thou not face to face with any other immortal, but only Aphrodite, daughter of Zeus—if she should enter the battle, let drive at her with the sharp bronze."

Diomedes attacked the Trojans with fury, and came near to killing Aineias, whose mother was Aphrodite. She came to her son's assistance, only to be wounded herself by Diomedes. "Then started forth the blood of the immortal goddess, ichor, such as flows in the veins of the blessed gods; bread they do not eat, nor do they drink gleaming wine, wherefore are they bloodless and are called immortals. So, with a loud cry, she let fall her son; and him Phæbus Apollo lifted in his arms and sheltered him in a dark cloud."

Aphrodite escapes to Olympus, and there stirs up Ares, blood-stained bane of mortals, to encourage the Trojans to fresh effort, which meets with such success that Hera comes to the assistance of the Greeks with her daughter Athene. "Then Hera, the goddess queen, daughter of great Cronos, busied herself harnessing the horses with their golden frontlets, and Hebe swiftly put

Fig. 18.—Chariot. (Reconstruction.)

THE ÆGIS

to the car, on either side, its curved brazen wheels, eightspoked, fitted upon iron axle-trees; of these the felloe is wrought in imperishable gold, and over them are bronze tyres, a marvel to see; the naves are silver, which revolve on this side and on that; the body of the car is woven tight, with plait-work of gold and silver thongs and rimmed about with two rails. From the body stood out a silver pole, upon the end of which she fastened the splendid golden yoke, throwing over it the golden breast-straps. And beneath the yoke Hera led the fleet-footed horses; and she longed for the battle and the sound of the war-cry. And Athene, daughter of Zeus who bears the ægis, slipped off, upon the floor of her father's house, her fine, manycoloured robe that her own hands had woven, putting on, instead, the tunic of cloud-gathering Zeus, and donned her armour for woeful strife. About her shoulders she cast the terrible tasselled ægis. Panic is set all about it like a crown, and Discord is therein, and Valour, Onset too, that makes the blood run cold, and therein is the Gorgon's head (Medusa, killed by Perseus), that dreadful monster, awful and grim, a portent of Zeus who bears the ægis. Upon her head she placed the golden helmet, two-horned and set with bosses four, decked with the men-at-arms of a hundred cities. Into the flaming chariot then she stepped, and grasped her spear, heavy and huge and stout, with which she vanquishes the ranks of men, of heroes, even, against whom she is wroth, Athene, daughter of the awful sire."

They go to Olympus, and ask Father Zeus if they may "smite Ares and drive him from the battle in sorry plight." They obtain his permission, and then seek Diomedes on the battle-field. The Greeks have had to give ground to the Trojans, who have been helped by Ares. Athene mounts a chariot by the side of Diomedes, and the goddess drives it against Ares, and Diomedes with her assistance



Fig. 19.—Face of Gorgon—Corinthian, c. 570 B.C.

wounds him with his spear. "Then brazen Ares bellowed out loud as nine thousand warriors, or as ten thousand, shouting in battle, when they mingle in the War-god's strife. And trembling came upon Achæans and Trojans alike; fear took hold of them; so mighty was the bellowing of Ares, the greedy of battle." This is an extraordinary thing, that Homer could have thought of a god as so human that he bellows out loud when he is wounded.

So, in the words of the "Iliad," the dread fray of Trojans and Greeks swayed oft this way and that across the plain, as they aimed against each other their bronze-shod javelins.

To us, as a work of art, the "Iliad" presents a tremendous picture of war and strife; but to the Greek, and to the

HECTOR AND ANDROMACHE

Greek child of classical times, the effect of hearing it spoken with dramatic emphasis must have been terrific. To us the gods of the "Iliad" are the gods of mythology; to the Greeks, Athene was the goddess to whom Pericles caused the Parthenon to be built on the Acropolis in Athens.

Book VI.—In book six Hector goes to Troy, to ask his mother to vow to sacrifice to Athene, if she will have mercy on the city and the Trojans' wives and little children. There he meets Andromache, his wife, and then follows the pathetic scene in which they lament the fate which threatens Troy. She reminds him:

"... No, Hector, to me thou art father and queenly mother; brother thou art and valiant husband besides. Come now, take pity on me; stay here on the wall, lest thou shouldst make thy child an orphan, and a widow me thy wife."

But Hector cannot shrink from battle, even though as he says:

"This I know in my heart and in my soul: the day will come when sacred Ilios will be laid low, and Priam, and his people who wield the good ash spear..." and Andromache would be led captive by the Greeks. Then Hector cries:

"But dead may I be and the heaped-up earth covering me, before I hear thy cries as they carry thee away into bondage."

Book VII.—In the seventh book Apollo and Athene stay the general battle, and Apollo suggests:

"... Let us stir up the valiant spirit of Hector, tamer-of-horses, that perchance he may challenge some one of the Danaans, in single fight, to encounter him man to man in deadly combat."

The warriors are given a rest, "and Athene and Apollo of the silver bow settled upon the tall oak tree of Father Zeus, who bears the ægis, in the shape of twin vultures,



Fig. 20.—Casting lots before Athene.

rejoicing in the warriors, where they sat together, packed close, bristling with shields and helms and spears."

The Greeks cast lots, and Aias in this way becomes their champion, and goes to meet Hector, "carrying his shield that was like a city-wall, a brazen shield, with sevenfold bull's-hide skilfully wrought him by Tychios—Tychios far best of all the workers in hide, who dwelt at Hyle, and had made him his flashing shield, of seven hides of mighty bulls and over them an eighth layer of bronze."

Then follows a long description of the fight, and as neither is able to kill the other, they exchange gifts instead. This sounds extraordinary, until we remember that much the same kind of thing is written about in the pages of our own fourteenth-century Froissart. In both periods fighting was regarded as the riskiest of the sports.

As the general fighting was not renewed, the opportunity was taken to "assemble and carry hither the dead

THE GREEK CAMP

bodies on carts, with oxen and with mules; a little way distant from the ships will we burn them, so that every man, whensoever we return to our native land, may bear their bones home to their children; about the pyre let us raise one single barrow, rearing it from the plain for all of them in common; and thereby, with such speed as may be, let us build ourselves a lofty wall, as defence for us and for our ships. And in the midst thereof let us contrive close-shutting gates that they may afford a passage for chariots; and without let us dig a deep ditch close by, which shall intervene and hold off chariots and infantry, if ever we should be hard put to it by the onslaught of the lordly Trojans."

It seems rather late in the day for the Greeks to have fortified their camp. Their usual practice was to pull their ships up, and then protect them on the land side by a palisade. In this chapter we find them importing their supplies. Wine came from Lemnos, "and the long-haired Achæans brought them wine, some for bronze, some for gleaming iron, some for hides, some for whole cattle, and some for bond-slaves."

Fresh attempts at peace were made, this time by the Trojans, but Paris, who is the villain, refuses to give up Helen.

Book VIII.—In the eighth book the fight is renewed, but it must be remembered that all this time Achilles had not been fighting because of the wrong done him by Agamemnon. The gods still remember the plea of Thetis, the mother of Achilles, that the Trojans were to be victorious, until the Greeks should do honour to her son.

"... Then the father lifted his golden balances, setting in the scales twin fates of grievous death, one for the horse-taming Trojans and one for the bronze-mailed Achæans; and, taking the scale-yard by the midst, he raised it, and the Achæans' day of doom sank down,"

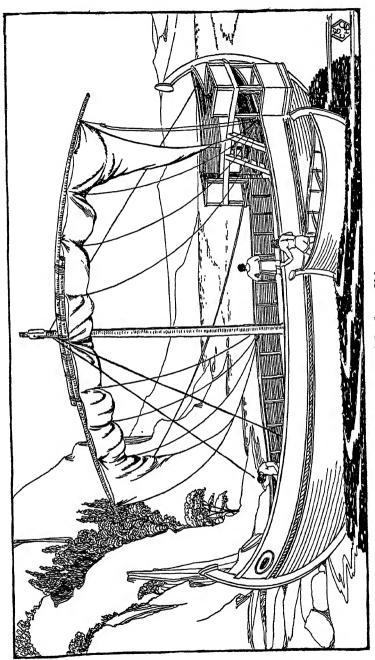


Fig. 21.—Merchant Ship. (Reconstruction from Black Figure Vase at B.M.)

NESTOR'S CUP

At the end of the book the Greeks are driven back within the walls of their camp by the ships.

Book IX.—The ninth book finds the Greeks dispirited, and Agamemnon tries to make friends with Achilles. He offers him "... seven tripods that fire has never touched, and ten talents of gold, and twenty shining cauldrons, and twelve strong horses, whose swiftness has won prizes in the race." He even offers to return the daughter of Briseus. Odysseus, of many wiles, is sent to make the offer to Achilles, who rejects it, saying:

"His gifts are hateful to me, and himself I hold not worth a straw."

Book X.—The tenth book recounts the adventures of Odysseus and Diomedes, who go at night as spies to the camp of the Trojans.

Book XI.—In the eleventh book Agamemnon, Diomedes, and Odysseus are all wounded. Now we begin to hear more of Patroklos, the friend of Achilles. He is sent to inquire how it is that Nestor was borne out of the fight. Arrived at the hut, he finds that Hekamede has mixed for them a mess. "... First she drew before the two of them a fair, well-polished table with feet of cyanus, setting on it a vessel of bronze, with onion, as a relish to their drink, and pale honey and meal of sacred barley; and at their side a splendid cup that the old man had brought with him from home; embossed with golden studs it was, and there were four handles, and about each pair of handles were doves feeding, and below the cup stood upon two feet. Another man would scarce have found the strength to raise that cup from the table, when it was full, but old Nestor could lift it easily enough. In this cup the woman, like to the goddesses, mixed a potion for them with Pramnian wine, grating into it, with a brazen grater, goat's milk cheese, and sprinkling in white barley meal; and when she had prepared the potion she bade them drink."

DEATH OF PATROKLOS

Book XII.—In the twelfth book the Trojans besiege the Greeks in their camp, and in the end break down the walls and drive them to their ships.

Book XIII.—In the thirteenth book Poseidon, the god of the seas, goes to the assistance of the Greeks, and the fight continues among the ships.

Book XIV.—In the fourteenth book things

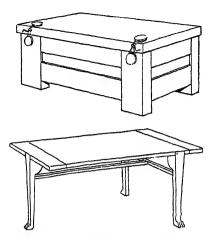


Fig. 22.—Chest and Table.

continue to go so badly with the Greeks that Agamemnon suggests launching the first line of ships, and mooring them with stones so as to be able to escape. He is strongly rebuked by Odysseus. Poseidon again stirs up the Greeks to the attack, and Zeus is beguiled to sleep by Hera. The Greeks drive the Trojans from the camp, and Hector is wounded.

Book XV.—In the fifteenth book Zeus awakes from his sleep, and is angry to find that Hector has been wounded. He sends Iris as messenger to Poseidon, that he must cease helping the Greeks, and return to the sea. Apollo is sent to encourage Hector, and the Trojans carry the fight back to the ships, and throw fire at that belonging to Protesilaos.

Book XVI.—In the sixteenth book Patroklos beseeches Achilles to come to the assistance of the Greeks, and when he refuses, asks to be allowed to lead the Myrmidons himself. He borrows the armour of Achilles, and fights so well that he pushes the Trojans back to the walls of Troy. In the end Patroklos is killed by Hector. This, as we shall see, is the turning-point of the story.

Book XVII.—In the seventeenth book the fight rages

NEW ARMOUR

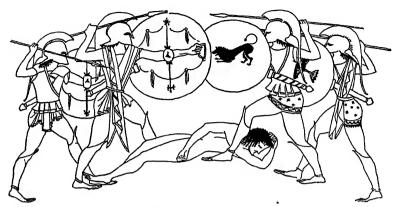


Fig. 23.—The fight over the body of Patroklos.

round the body of Patroklos, whose armour, borrowed

from Achilles, is stripped off by Hector.

Book XVIII.—In the eighteenth book Achilles hears of the death of his comrade: "... and in both his hands he scooped up black dust, and poured it on his head and fouled his comely face; and down on his sweetscented jerkin rained the dark ashes. And there, in his mightiness, he lay outstretched in the dust, and, with his own hand, he tore and despoiled his hair. . . ."

His mother Thetis comes to comfort him, and promises to bring him new armour in the morning. Meanwhile, without armour, he encourages the Greeks, and helps them to bring back the body of Patroklos. The body is washed.

"... Noble Achilles bade his comrades set a great cauldron on the fire that, as soon as might be, they should wash from Patroklos's body the bloody gore. And on the blazing fire they put the cauldron for filling the bath, pouring in water and taking wood and kindling it beneath. Then round the belly of the cauldron played the flames and the water grew hot. And when the water was boiling within the bright bronze, then did they wash his body, anointing him richly with oil, salving his wounds with rare ointment; and they laid him on his bed, and from head

FOR ACHILLES

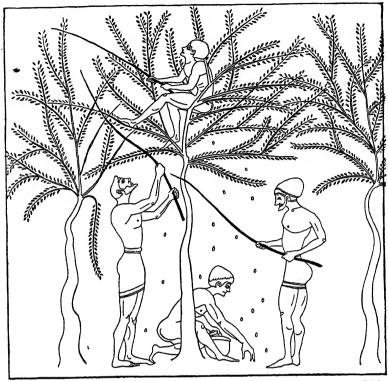


Fig. 24.—Gathering Olives.

B.M.

to foot swathed him in a soft linen cloth and, above that, in a white robe. Then, all night long, round swift-footed Achilles, the Myrmidons bewailed and lamented Patroklos."

Thetis goes to Hephaistos, the lame god, to ask him to make new armour for Achilles, and Hephaistos "... went to his bellows and, turning them towards the fire, bade them work. Then the bellows, that numbered twenty in all, blew upon the melting-vats, or pots, sending forth deft blasts of variable strength, now to further his labour, and now again however Hephaistos might will it, according as his work went on. And on to the fire he threw tough bronze and tin and precious gold and silver."

RECONCILIATION OF

If reference is made to "E.L.," II., p. 54, it will be found that bronze was smelted here in England in the Bronze Age in just the same way. Hephaistos first fashioned "a shield huge and strong, adorning it cunningly all over, circling it with a shining rim, threefold and glittering, and hung from it a baldric of silver. With five layers was covered the shield itself; and into it he put much cunning workmanship, with his curious skill." It was decorated with emblems of the earth, the heavens, the sun, moon, and stars, and fair cities of mortal men. and beautiful pictures of country life. These should be studied either in the original, or the translations we mention in our list of authorities. Homer is evidently telling of scenes with which he was familiar. You read of the hinds reaping with sharp sickles, and the sheaf binders following with twisted bands of straw, while others beneath an oak made ready a feast. Then we hear of the vintage, and a boy making pleasant music while the grapes are gathered. Again of a dancing place, and a great company standing around the lovely dance in joy. Hephaistos was right when he promised Thetis that, though he could not ward off dolorous death from Achilles, his armour should be the marvel of all men.

Book XIX.—The nineteenth book opens with the reconciliation between Agamemnon and Achilles. Only a day has passed since Odysseus first went to the hut of Achilles with the offer of peace, and now the gifts are accepted, and Briseis goes back. Achilles puts on his armour—greaves for his legs, with silver ankle-pieces, and a cuirass round his breast. A silver-studded bronze sword hung from his shoulder, and the great shield to ward off blows. A stout helmet with a horse-hair crest covered his head, and in his hand he carried his father's spear. So armed, Achilles joins in the fight, and plays havoc with the Trojans, and this is told in the twentieth book.

AGAMEMNON AND ACHILLES

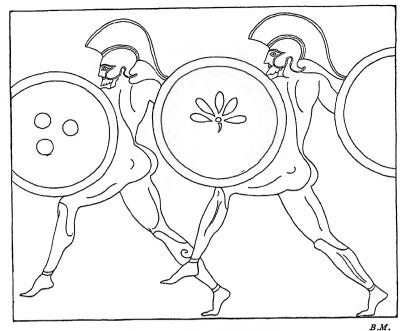


Fig. 25.—Race of Warriors.

Book XX.—Zeus calls the gods to council. He determines to remain within a fold of Olympus himself, where he can gladden his heart with gazing at the battle, but gives the other gods permission to help whom they will.

"... So spake the son of Cronos and roused implacable war. And the gods went forth to the battle, some on this side and some on that: to the ships went Hera, and in her company Pallas Athene, and Earth-shaking Poseidon, and Hermes the Helper, who excelled them all in his subtlety; with them too went Hephaistos, in the pride of his great strength, limping, but under him his spindle legs moved nimbly. To the Trojans went Ares of the glancing helmet, and with him Phœbus the unshorn, and Artemis the Archer, and Leto and Xanthos and Aphrodite the laughter-loving."

DEATH OF

Thus we have the amazing spectacle of not only men, but the actual gods warring between themselves.

Book XXI.—In the twenty-first book Achilles captures twelve young men alive, and binding them with thongs, sends them back to the Greek ships. In this chapter Achilles fights with the River Xanthos. We must remember that to the Greeks a river could be a god, to be propitiated by sacrifice.

"Nor shall the river avail you anything, fair-flowing with its silver eddies, though long time have you made him sacrifice of many bulls, and thrown down single-hooved horses, still living, into his eddies."

This river in the "Iliad" is something so alive that it can call on Apollo to help it against Achilles: "Just as when a man from its dark spring leads forth a stream of water along a channel amid his crops and garden, and, a mattock in his hand, clears all hindrances from its path; and, as it flows, it sweeps the pebbles before it, and, murmuring, swiftly on it slides, down a sloping place, and outstrips even him who leads it; so did the river-flood overtake Achilles, make what speed he could; for the gods are mightier than men." And the river comes near to drowning Achilles, until Hephaistos comes to his assistance, with a great fire that parches the plain and stays the water. After, the Greeks, with the assistance of Achilles, drive the Trojans in flight within the walls of Troy.

Book XXII.—In the twenty-second book Hector is shown outside the walls awaiting the onslaught of Achilles. He reproaches himself because he did not take the advice of Polydamas, who had suggested that they should retire within the walls of Troy when they first heard that Achilles was to take the field again. Hector flees from Achilles: "And so, with flying feet, did these two thrice make the circle of Priam's city; and all the gods gazed down on them." And always Achilles headed him off towards the plain, and

HECTOR

prevented Hector from running under the walls to gain the help of the archers on the battlements. "... But when a fourth time they had reached the springs, then the father lifted up his golden balances, and in them set two fates of gloomy death, one for

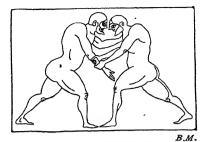


Fig. 26.—Wrestling.

Achilles and one for horse-taming Hector, grasping the balance at the midpoint and poising it. Then down sank Hector's dooms-day and descended into the house of Hades; and Phœbus Apollo deserted him."

Athene, by a base trick, urges Hector to the fight, and he is killed by Achilles, who "... contrived a shameful treatment for goodly Hector, slitting behind the tendons of both his feet from the heel up to the ankle, threading through ox-hide thongs binding them to the chariot and leaving the head to trail. Then he mounted his chariot and, after he had lifted in with him the famous armour, he lashed up his horses and they sprang forward with a will. And about Hector, as they dragged him along, rose the dust, his dark locks streaming loose on either side; and now in the dust lay that head once so fair, for Zeus had given him over to his enemies, to suffer shameful treatment in his own native land."

Of the lament of Andromache we cannot write, and of how, when "she gained the wall and the throng of men who stood there, and, standing still, she looked and saw him where he was being dragged before the city; ruthlessly were the swift horses dragging him away towards the hollow ships of the Achæans. Then the darkness of night settled down over her eyes and wrapped her about, and she reeled backwards and panted forth her spirit."

 \mathbf{D}

FUNERAL OF PATROKLOS

Book XXIII.—In the twenty-third book the funeral feast of Patroklos is described. Oxen, sheep, goats, and boars were sacrificed. At night the spirit of Patroklos appears to his friend.

"Thou sleepest and has forgotten me, Achilles. While I lived never didst thou forget me, and only now that I am dead. Bury me with all despatch, so I may pass the gate of Hades. Far do the spirits keep me off, the spirits of men out-worn; they suffer not that I should join their company beyond the River; and vain are my wanderings through the wide-gated house of Hades. Pitifully I beg that thou shouldst give me thy hand; never again shall I come back from Hades, once you have granted me my due of fire."

In the morning "... Lord Agamemnon despatched men from all the huts with mules, to gather firewood." This was brought down to the shore and laid in great piles. The Myrmidons then armed themselves, the men in chariots going first and the footmen following, and in the midst was the body of Patroklos, borne by his comrades, who had cut off their hair, and heaped it on the body. A great pyre was made of wood. Then sheep and oxen were sacrificed, and the corpse of Patroklos was wrapped from head to foot in the fat taken from their bodies, and then placed on the pyre, the flaved bodies of the animals around it. Two-handled jars of honey and oil were added, and four strong-necked horses and two house-dogs. Then the twelve unfortunate Trojan youths captured alive by Achilles, were killed, and their bodies went to swell the All night long the pyre burned, and in the morning Achilles called on the chiefs of the Greeks to "first quench the burning of the pyre with wine, even so far as the might of the flames has reached; then let us gather up the bones of Patroklos, Menoitios's son, taking good care to single them out from the rest; easy they are to discern, since he lay in the middle of the pyre

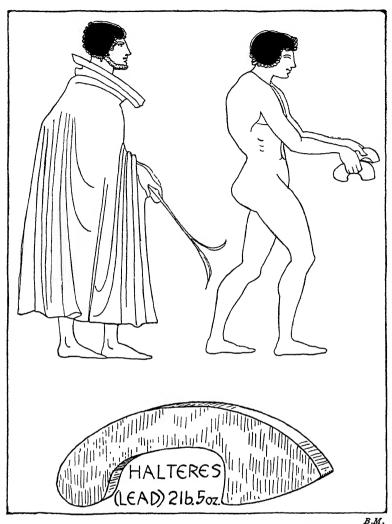


Fig. 27.—Jumper holding lead jumping weights.

and the others upon its verge, apart, huddled together, horses and men. His bones let us place in a golden urn, and wrap them in a double fold of fat, till I too be hidden in Hades. No monstrous barrow do I ask that you should labour to raise—a decent barrow, no more; afterwards, you may raise it broad and high, such of you as may remain among the benched ships when I am gone."

FUNERAL GAMES

Scenes such as this must have been enacted, and barrows raised, here in England in our own Bronze Age.¹

Then follows an account of the funeral games: "Achilles checked the people where they stood; he made them sit down in a wide company, from his ships bringing out prizes—cauldrons and tripods, horses and mules and strong oxen, and fair-girdled women and grey iron.

"For swift chariot-racers first he awarded a splendid prize—a woman skilful at fair handiwork for the winner to lead home, as well as an eared tripod that would hold twenty-two measures; so much for the first; for the second he awarded a six-year-old mare, unbroken; for the third a splendid cauldron untouched by fire, bright even as when it was first made; for the fourth two talents of gold; and for the fifth a two-handled urn that the fire had never scathed."

The winner of the boxing match obtained a sturdy mule, and the loser a two-handled cup. For wrestling, the first prize was a great tripod for standing on the fire, but curiously enough for the loser, Achilles "...led a woman into the midst, one skilled in many crafts, and whose worth they valued at four oxen." The wrestlers were Aias, son of Telamon, and Odysseus, and as neither could obtain the advantage, they were told to take equal prizes, and we do not know who got the four oxen's worth of femininity.

For the running races a mixing bowl of silver from Sidon, an ox, great and very fat, and half a talent of gold.

Book XXIV.—In the last book Priam comes to Achilles, and ransoms the body of Hector. Achilles promises to hold back the battle for twelve days, whilst the funeral ceremonies of Hector are being carried on.

Priam, helped by Hermes, brings back Hector's body to Troy, and the people make lamentations. It is here that

HECTOR'S BURIAL

we come to the passage which moved Arthur to tears in "Tom Brown's School Days," when Helen says:—
"Thou would'st allay their anger with thy words, and restrain them by the gentleness of thy spirit and by thy gentle speech."

Then the body of Hector was burned as was that of Patroklos. "But when the young dawn shone forth, rosy-fingered Morning, then gathered the people round glorious Hector's pyre. Assembling, they first of all quenched the flames of the pyre with wine, even as far as the might of the flames had reached, and thereupon his brethren and friends gathered his white bones, mourning him with big tears coursing down their cheeks. The bones they took and laid away in a golden urn, wrapping them up in soft purple robes, and quickly set the urn in a hollow grave, and heaped above great stones, closely placed. Then hastily they piled a barrow, while everywhere about watchers were posted, through fear that the wellgreaved Achæans might make an onslaught before the time. And, when the barrow was piled, they went back and, assembling, duly feasted and well in the palace of Priam, that king fostered by Zeus. Thus did they hold funeral for Hector, tamer of horses."

And that is the end of the "Iliad," and the Trojan, like all other wars, had a very sad end. We shall be quite wrong if we think of Homer as glorifying war. He showed men fighting, because they needs must fight against fate. The gods cast the lots, and the men had to fight, and fighting, behaved as heroes. Consider what the Trojan War meant to the Greeks. For long weary years they were exiled from home, and how few returned. Agamemnon their king was one, but he took the virgin priestess Cassandra with him as a slave, and went to his death at the hands of Ægisthus, the lover of his own wife Clytemnestra. Odysseus, perhaps because of his share in urging the death

THE TROJAN TRAGEDY

of the babe, Astyanax, was condemned to wander for yet another ten years before he saw his wife Penelope again, and his mother died of a broken heart while he was away.

On the Trojan side the men were slaughtered and the women taken into slavery by the Greeks. Euripides's tragedy, "The Trojan Women," is a terrible picture of the aftermath of war. Andromache, Hector's wife, has been allotted to Pyrrhus, Achilles's son, and Hecuba, Hector's mother, tries to console her. She points out that Andromache is sweet and gentle, and if she tries to please Pyrrhus, perhaps he in his turn will be kind to her son Astyanax. The Greeks, however, had no idea of leaving Astyanax to grow up and avenge his father Hector, and a herald is sent to take the boy away and cast him from the walls. The scene which follows is described by Professor Gilbert Murray as "perhaps the most absolutely heart-rending in all the tragic literature of the world."

"Quick! take him; drag him; cast him from the wall, If cast ye will! Tear him, ye beasts, be swift! God hath undone me, and I cannot lift One hand, one hand, to save my child from death . . . O, hide my head for shame: fling me beneath Your galley's benches!"

Professor Gilbert Murray's Translation.

Andromache is led away captive, and the dead boy is brought back to his grandmother Hecuba, who places him in Hector's shield and mourns over him.

Euripides may have been affected by the happenings of his own time. Another disgraceful massacre had taken place when the Athenians killed all the men of Melos and enslaved the women. This was in 416 B.C. In 415 the disastrous expedition to Syracuse set sail. Athens was in the hands of a war party bent on creating an Empire. The "Trojan Women" was produced just before the expedition sailed, and must have been meant to sound a note of warning.



Fig. 28.—Hermes and Satyr.

CHAPTER III.—THE "ODYSSEY"

BOOK I.—If we wish to find out what happened after the siege of Troy we must turn to the "Odyssey" of Homer, which is concerned with the travels of Odysseus. It is interesting to note that, just as in the "Iliad" our attention was at once riveted by an account of the quarrel between Achilles and Agamemnon, so in the "Odyssey" the first chapter gives an outline of the good things which are in store for us. We hear that Odysseus is held captive by the nymph Calypso in her hollow caves; that all the gods

TELEMACHUS AND

pity him, except Poseidon, who is angered with Odysseus because he blinded his son Polyphemus, one of the Cyclopes and a cannibal giant. The whole story really hinges on this quarrel.

The goddess Athene intercedes with Father Zeus on behalf of Odysseus, and Hermes is dispatched to Calypso, to tell her that Odysseus is to be released and sped on his way. Athene herself goes to Ithaca, the home of Odysseus, and "in the semblance of a stranger," introduces herself to Telemachus, the son of Odysseus. From him the goddess learns how the wealth of Odysseus is being wasted by many princes who, thinking that Odysseus is dead, are wooing his wife Penelope. These wooers are the villains of the piece.

Athene recommends that Telemachus should fit out a ship and go to make inquiries of Nestor and Menelaos, who were at the siege of Troy with Odysseus, to see if by chance they have news of him, and the goddess planted courage in the heart of Telemachus. He tells the wooers that they must leave his halls.

Book II.—In book two Telemachus calls an assembly of the Achæans (the first since the departure of Odysseus), and the staff being placed in his hand, tells them of the misdeeds of the wooers. But Antinous, who was one of them, made answer that the fault was Penelope's, who gave hope to all, that now Odysseus was dead she would wed one of them when she had woven a shroud for Lærtes, his father. "And this craft she planned in her heart, too; she set up in her halls a great web, fine-threaded and very broad, whereat she wove. . . ." Then at night Penelope unravelled her day's work, "and so for three whole years she hid it from the Achæans by her craft, and thus beguiled them."

The wooers tell the assembly that until Penelope makes up her mind, they will remain in the house of Telemachus, and they continue to waste his substance in riotous feastings.

THE WOOERS



Fig. 29.—Death of Ægisthus.

Telemachus makes ready for his voyage to Sparta and sandy Pylos. He goes to the treasure chamber "... where lay heaps of gold and bronze, and raiment in chests, and a good stock of fragrant olive oil. And there stood jars of wine, old and sweet, which held a divine, unmixed drink."

He tells the guardian to: "... draw me wine in jars, sweet wine and the choicest after that which thou art keeping against the return of that hapless one, if ever he come home again I know not whence, even Zeus-born Odysseus, having shunned death and the fates. Twelve jars fill and close them all with lids, and pour me barleymeal into well-sown skins; let there be twenty measures of ground barley-meal."

Telemachus and the crew carry all on board, and Athene sends them a favourable wind.

"And when they had reared the fir-wood mast, they

TELEMACHUS SEEKS NEWS

set it in its socket-hole and made it fast with the forestays, and with thongs of ox-hide hoisted the white sail. So the wind filled the belly of the sail, and the dark wave surged loudly about the stem of the flying ship."

Book III.—In book three, Athene, in the guise of Mentor, and Telemachus arrive at Pylos, and find Nestor and his people there on the seashore sacrificing to Poseidon. Telemachus appeals to Nestor for news of his father Odysseus, but Nestor can only tell him how the return of the Achæans, after the sack of Troy, was spoiled by dissensions, some going one way, and some by others. He tells the tale, which has become part of Greek literature, how Agamemnon returned to find that his wife had a lover, Ægisthus, by whom he was slain, and who reigned in Mycenæ for seven years until he in turn was killed by Orestes, the son of Agamemnon. The tale of Nestor shows how much the Greeks were at the mercy of the sea in their ships. With their one square sail they could only sail with the wind, and like Othere, the friend of our own King Alfred, had to wait until that wind was favourable. If the wind became an unfavourable gale, they toiled at their oars, and when their strength failed were blown out of their course. This is what happened to the Achæans returning from Troy.

Book IV.—In the fourth book Telemachus and Peisistratus arrive by chariot in Sparta at the house of Menelaos. This is how they were received:

"And the sweating horses they loosed from under the yoke, and, tethering them at the horses' stalls, they threw before them spelt, mixing in with it white barley. The chariot they tilted up against the shining walls of the entry, and led the men away into the divine palace hall." After they had seen the palace, "they went to the polished baths and bathed them." Then "... they sat down

OF ODYSSEUS

on chairs beside Menelaos, Atreus's son. Then a maidservant brought water for their hands in a golden pitcher and poured it over a silver basin, so they might wash, drawing up at their side a polished table. And a sober housewife brought and set by them bread, and dainties too in abundance, giving them freely of her store. And a carver lifted and put by them platters of all kinds of meat, and near them he set two golden bowls."

Menelaos, as a sign of honour, gave them some of his own dish of fat ox-chine roasted. All this time they are entertained as strangers by Menelaos, who, however, has been struck by the resemblance of Telemachus to his friend Odysseus.

Then Helen, for whom the Achæans fought at Troy, comes in, and she too marks the likeness.

She tells Telemachus tales of his father, of how, at the siege of Troy, he disguised himself as a beggar and passed into the Trojan city as a spy. Menelaos tells here:

"Never yet have mine eyes beheld such another man as was steadfast-hearted Odysseus, no such another deed as he planned and dared, in the carven horse, wherein sat all we chiefs of the Argives, carrying to the Trojans death and doom." And how Helen came and "three times did'st thou circle round the hollow ambush and try it with thy hands, calling aloud by name on the chiefs of the Argives, and with thy voice mimicking the voices of the wives of all the Danaans. Now I and Tydeus's son and goodly Odysseus were sitting in the midst; we heard thee call, and the two of us were anxious to rise and come forth, or straightway answer thee from within. Yet, for all our eagerness, Odysseus held us back and kept us there. Then, likewise, did the other sons of the Achæans keep silence; only Anticlus would have answered; but Odysseus shut his mouth with his strong hands and so saved all the Achæans, holding him thus till Pallas Athene led thee away again."

CALYPSO

Telemachus then asks that he may be allowed to sleep, "... and Argive Helen ordered her maids that they should set bedsteads beneath the gallery of the entrance, and should lay on them fair purple blankets and above these spread coverlets, and thereover fleecy cloaks as a topmost covering of all. So, torch in hand, the maids went out of the hall and laid the bedding, and a serving man led forth the guests. So there they slept in the forehall of the house, noble Telemachus and Nestor's glorious son; but the son of Atreus slept in the inmost chamber of the high-roofed house, and at his side lay Helen of the long robes, that goddess among women."

In the morning, Menelaos tells Telemachus of how, in his own eight years' wandering, he heard from Proteus, the thrall of Poseidon, how Odysseus was held captive by Calypso. Beyond that he cannot tell Telemachus anything.

Meantime the wooers "... in front of the palace of Odysseus took their pleasure in throwing the discus and the javelin, upon a levelled place, as was their custom, in the insolence of their pride."

They also laid their plans to kill Telemachus on his return from Pylos, and dispatched a ship to wait in the strait between Ithaca and Samos. The details of the return journey are given in the fifteenth book.

Book V.—In the fifth book Athene goes to the gods, who are in council, and asks Zeus that Calypso should free Odysseus. Hermes is sent to her with a message that she is to do so. Calypso must needs obey Zeus, but bewails the hard lot of goddesses who fall in love with mortals:

"Harsh are ye gods and jealous above all others, who grudge that goddesses should openly mate themselves to mortal men."

She points out how she had saved Odysseus from shipwreck when he "all alone was riding the keel of his ship."

AND ODYSSEUS

Now it is that we first meet Odysseus in the "Odyssey." The first four books have served to whet our curiosity, and have provided as well a sequel to the "Iliad."

Calypso finds Odysseus sitting on the seashore bewailing his fate. Without ship or men, how can he hope to reach Ithaca again? This is what Calypso said to him:

"Luckless man, sorrow here no longer I beg thee, nor. pine away. Ready and willing I am even now to speed thee hence. So come, rise, and with an axe hew long beams and build a broad raft, fastening upon it crossplanks to make a raised deck, that it may carry thee over the misty deep. Therein will I stow bread and water and red wine such as will satisfy thy heart, to ward off hunger. . . . " And right well Calypso helped him. "She gave him a great axe such as was well suited to his grasp; a brazen axe it was, double-edged, and in it securely fastened a good handle of olive. She gave him too a polished adze, and presently led the way to the furthest part of the island, where grew tall trees, the alder and the poplar and the fir, which reaches unto the skies, seasoned and dry that would float buoyantly for him. So, once she had shown him where the tall trees grew, the fair goddess Calypso set off homewards, and he set to cutting him timber, and busily his work went forward. Twenty trees he felled and trimmed with the axe; then cleverly he smoothed them, straightening them by the line. Meanwhile, Calypso brought him augers, with which he bored every piece, jointing them together and securing them with pegs and morticings. Wide as the hull of a broad-beamed freight-ship, traced by some skilful carpenter, so wide was the raft Odysseus made. And, labouring, he set up deck-beams and bolted them to the close-set ribs and finished off his work with long gunwales. And in the raft he put a mast and a yard-arm fitted to it, a rudder as well to help him steer a course. From the stem to the stern he fenced

ODYSSEUS BUILDS

it about with wattled osiers, as a bulwark against the waves, and strewed in much brush."

Then Calypso brought him cloth for sail-making. These, too, did he contrive in his skill. And braces and halyards and sheets he made fast in his raft, and then with rollers pushed it down to the fair salt sea.

It took Odysseus four days to build his raft, and on the fifth he sailed away, and Calypso sent a gentle favouring wind, and for seventeen days he sailed, and on the eighteenth day he came within sight of the land of the Phæacians (Corfu), and all would have been well had not Poseidon seen him from afar off. The sea-god knew that Zeus must have come to the assistance of Odysseus, but notwithstanding this, determines to gather the clouds, and trouble the waters, and rouse the winds. As a result, Odysseus narrowly escapes with his life, and is cast ashore more dead than alive.

Book VI.—The sixth book opens with a beautiful description of how Athene contrives that Nausicaa, the daughter of Alcinous, King of the Phæacians, should take the family washing down to a little stream, near where Odysseus is sleeping. She asks her father for a wagon, and he replies:

"Neither the mules nor aught else do I grudge thee, my dear child. Go now, and the slaves shall make ready for thee the wagon that is tall and strong of wheel and fitted with a frame above."

And so saying, he called up his men, and outside the palace they made ready the easy-running mule cart and led the mules under the yoke and harnessed them, while from her room the maiden brought out the bright raiment and stowed it in the polished car. In a basket her mother put all kinds of food, such as satisfy the heart, and set therein, too, dainties, and filled a goat-skin bottle with wine. Then Nausicaa mounted the cart, and her mother gave her

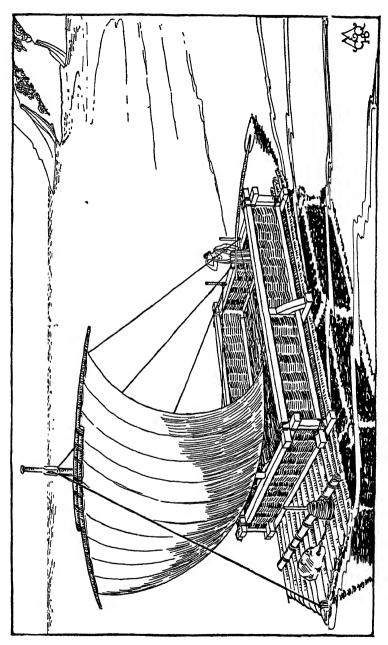


Fig. 30.—Raft of Odysseus. (Reconstruction)

NAUSICAA

smooth olive oil in a golden flask that, after they had bathed, she and her maidens might anoint themselves. So Nausicaa took the whip and the bright reins, and touching the mules, she started them. Then, with a clatter of hooves, forward they strained, never flagging, with the load of raiment and the maidens behind. She did not go alone, but her attendants bore her company.

When they got to the river they took the garments and trod them in the washing trenches, and then spread them out to dry. Then they bathed and anointed themselves with olive oil, and took their midday meal on the river's bank. After, they fell to playing ball, and Nausicaa began to sing. The ball fell into the river and they all raised a piercing cry, and then, of course, Odysseus woke up and the maidens fled, all except Nausicaa of the white arms, and to her Odysseus came as a suppliant. She provided him with a mantle and doublet, one supposes, from the washing which was now dry, and soft olive oil in a golden cruse. Then Odysseus washed and anointed himself with oil and put on the fine raiment, and then Athene "... caused him to seem taller and more mighty, and from his head made the locks curl down in tresses like the hyacinth flower."

She shed so much grace on him that it went hardly with Nausicaa when she saw him again, and her heart went pit-a-pat. Hearts did in old Greece. She gives Odysseus instructions how he may find his way to the palace of Alcinous.

Book VII.—In the seventh book Odysseus finds his way to the high-roofed hall of Alcinous: "Brazen were the walls which from the threshold to the inmost chamber ran this way and that, and round them a frieze of blue. Golden were the doors which enclosed the well-built house, and silver door-posts stood upon the brazen threshold. Silver was the lintel above them, and of gold the hook of the door."

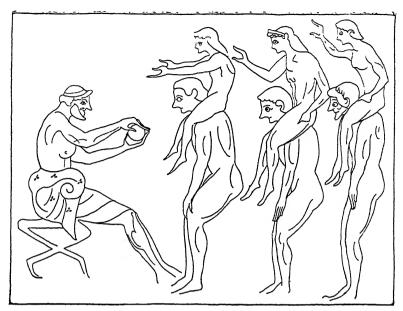


Fig. 31.—Ball Game.

B.M.

There were seats around the walls with finely woven coverings. Fifty handmaids did the spinning and weaving, and ground corn in the millstones. There were gardens of pear trees and pomegranates, and apple trees and sweet figs, and olives, and a vineyard. There were all manner of garden beds, and two fountains of water.

Odysseus stood and gazed, and passed quickly into the hall and fell at the knees of Arete, the wife of Alcinous, and implored her protection and asked to be sped on his way. He was raised up by the king and set in a chair, and Odysseus tells the king of his adventures since he left the isle of Calypso on his raft. Odysseus goes to sleep beneath the gallery. This seems to have been the place for strangers.

Book VIII.—In the eighth book the Phæacians are called to assembly, and Alcinous tells them of the stranger that has come amongst them, and orders that a black ship be

THE MINSTREL

drawn to the sea, and fifty-two noble youths chosen for her crew, and then after this is done, all are to come to the palace to help entertain the stranger. At the palace twelve sheep were sacrificed, and eight boars and two oxen, and here it is that we are given an indication of how the "Odyssey" itself may have come into its final shape as a tale told and retold until its form was perfect, and not written as it would be now. At the palace a henchman brings in the beloved minstrel, who is blind, and sets him on a chair close by a pillar on which hangs his lyre.

The minstrel is stirred by the tune to sing the songs of famous men, and Odysseus is moved to tears.

After the feast they go to the place of assembly, and have games of running, wrestling, and boxing. Odysseus distinguishes himself by casting a great stone. Then they "levelled a place for dancing and drew out a fair wide ring. Then the herald approached bearing Demodocus the clear-toned lyre. So he went into the midst, and round him stood boys in the first bloom of their youth, such as were skilled at the dance. And they struck the good dancing floor with their feet. And Odysseus watched the twinkling movement of their feet and marvelled in his spirit."

Then Alcinous "bade Halius and Eaodamas dance alone, for none could equal their skill. So they took into their hands the beautiful purple ball, which clever Polybus had made them, and, the one leaning back and tossing it up towards the shadowy clouds, the other would spring from the ground and catch it again before ever his feet touched the earth. And when they had tried their skill at flinging the ball straight up, then they began to dance upon the bounteous earth and pass the ball from hand to hand, and the other youths stood by in the lists and kept time, and a great clamour arose."

Then the kindly Alcinous suggested that the twelve

DEMODOCUS

princes who ruled under him should join in giving a stranger's gift to Odysseus, so that might go to supper with a glad heart. At supper Odysseus ". . . carved off a helping of the chine of a white-toothed boar, of which yet more was left over, rich with fat on either side." This he sent by a henchman to the minstrel Demodocus, and asked that he would tell them of the wooden horse. In this way we get fuller details than were given by Menelaos in the fourth book. The minstrel tells



Fig. 32.—Dancer.

how that Odysseus had fashioned the horse and filled it with the bravest Greeks. To lull Trojan suspicion, other Greeks set fire to the huts of their camp, and went aboard their ships, and sailed away. The Trojans dragged the horse into Troy itself, and sat around wondering and debating what to do with it, and then the sons of the Achæans poured forth from the horse and sacked the city. It must be remembered that all this time the Phæacians do not know that they are entertaining Odysseus.

At the end of the eighth book Alcinous calls on him to tell them of his adventures, and in the ninth book he does so, and begins:

Book IX.—"I am Odysseus, Lærtes's son, who am known among all men for my wiles."

Here we might ask any of our readers who are interested

POLYPHEMUS

in telling tales to take note of the cleverness with which the "Odyssey" is constructed. So far we have only heard of what happened to Odysseus after he left the island of Calypso, but one's curiosity has been whetted by references to the adventures which had gone before, and our interest is sustained because we know that more must follow ere he finally reaches Ithaca.

This is the tale that Odysseus told the Phæacians. When he and his men left Troy, the wind carried their ships to Ismarus in Thrace, where they sacked the city and slew many of the inhabitants, until the neighbours coming to their assistance, the Achæans were driven back to their ships.

For nine whole days they were driven by storms until they came to "... the country of the lotus-eaters, who eat a flowery food." This was tasted by certain of the company who were sent out to reconnoitre.

"Now such of them as ate the honey-sweet fruit of the

lotus had no longer any wish to bring tidings nor to return,

lotus had no longer any wish to bring tidings nor to return, but there he was minded to stay among the lotus-eating men, feeding on the lotus and forgetful of the homeward way. But them weeping did I hale back to the ships, unwilling as they were, and binding them thrust them beneath the benches of the hollow ships."

Again they set sail, and this time they came to the land of the Cyclopes in Sicily. Here Odysseus and twelve of his men went prospecting, and came to the cave of a giant. They waited, expecting to be charitably entertained, but when the giant returned, and threw down a great log for the fire, Odysseus and his men fled into the back of the cavern, while the giant blocked the door with a great stone, and then made preparations for his supper. Soon he saw the Achæans and, notwithstanding the explanations of Odysseus, "he answered not at all; but, springing up, he laid hands upon my comrades, and

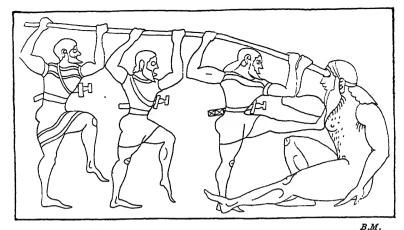


Fig. 33.—Boring out the eye of Polyphemus.

grasping two of them at once, dashed them against the earth as they might have been puppies, so their brains ran out upon the ground and the earth was wet with them. Then he carved them limb from limb, and made ready his supper. Like a mountain-bred lion he ate, and stinted not; for the entrails he ate as well as the flesh and also the bones with their marrow." Then the giant slept. In the morning two more of the men were devoured, and the giant went out, putting the door stone in position to keep them prisoners.

Odysseus planned their escape. The Cyclopes had left a great club in the cave, and we can form some idea of what a giant he was, when we hear that it was equal in size "... to the mast of a black ship, twenty-oared."

Odysseus cut a fathom's length off this (six feet), and fined it down, and made it even, and sharpened it to a point, and hardened it in the fire.

In the evening the giant returned, and drove his sheep into the cave, and two more men were eaten. Now, Odysseus had brought wine with him, which he had in the cave, and first one cup and then another was given to the giant until he at last became drunk. Before this Odysseus tells the giant that his name is Noman. Now

ÆOLUS AND

was the time for action, and "they took the sharp-pointed stake of olive-wood and plunged it into his eye, while, bearing upon it from my place above, I turned it about, as when a man bores a ship's timber with a drill and below his fellows spin it with a thong which they hold at either end and the drill runs round unceasingly; so in his eve we took and whirled about the fiery-pointed stake, and blood flowed round the heated bar and the flame singed his eyelids and his brows on every side, as the eyeball consumed and its roots crackled in the fire. Just as when a smith dips some great axe or an adze hissing into cold water that it may be tempered—for thence proceeds the strength of the iron—even so did his eye hiss round the olive-wood stake. Terrible then was the bellow he raised, till the rocks rang round about; in terror we fled, and he plucked forth the stake all blood-bedabbled from his eye."

The giant in his agony calls so loudly that his neighbours come to his assistance and ask him from outside the cave what is the matter, to which he replies that "no man is killing him." And they quite properly reply that if no man is killing him, what is all the to-do about?

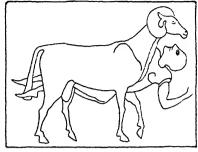
The giant then groped his way to the door, and lifted away the great stone and sat in the entry, so that the Achæans might not escape. However, Odysseus contrives this by lashing the sheep together in threes with withies. The middle sheep of each set of three supported one man, who suspended himself below the sheep. Odysseus himself used the ram in this way. The blinded giant felt along the backs of the sheep and did not discover them.

Now the giant Polyphemus was a son of Poseidon, the god of the seas, and he prayed to him that Odysseus and his men might never come to their home in Ithaca, or, if they did, only after much tribulation. This was the beginning of the troubles of Odysseus.

Book X.—In the tenth book they reach the island home

CIRCE

of Æolus, which floated on the sea, and had cliffs which ran up from the seas with walls of unbroken bronze. There Odysseus was kindly entertained, and sped on his way. All might have been well because Æolus was the keeper of the winds, and he provided a



B.M.

Fig. 34.—Odysseus under the Ram.

good west wind which was what Odysseus needed, and bound all the others in an ox-hide wallet. The west wind carried them to within sight of Ithaca, but while Odysseus was asleep his men opened the wallet to find what treasure it contained; then out burst all the noisy winds and carried them back to the Æolian isle. Here they were badly received, and driven away as being "... hated by the immortal gods."

For six days they sailed, and on the seventh came to Lamos. Here they were attacked by the people, who were giants, and of the twelve ships, only the one of Odysseus and his men escaped. Now the one ship sailed on alone, and came to the Ææan isle, where dwelt Circe of the braided tresses.

Eurylochus was sent forward with some of the men and came to the halls of Circe. "And round the palace roamed mountain-bred wolves and lions, whom Circe herself had bewitched by the evil drugs that she gave them. These did not set upon my men, but ramped round fawning upon them and wagging their long tails."

When they came to the palace the men went in, and Circe offered them wine, but Eurylochus tarried behind, and saw with horror that when his companions had "drunk it off, presently she struck them with a wand

HADES

and penned them in the sties. The head and the voice they had, and the bristles and the shape of swine, but their minds remained as before. So penned, they were weeping, and Circe flung them to eat, acorns and mast and the berries of the cornel tree, such provender as wallowing swine are wont to batten on."

Hermes came to the assistance of Odysseus, and gave him a herb of virtue to resist the charms of Circe, and being able to resist, he makes a bargain that his men should be restored to human shape, and this being done, they remained there a year "feasting on abundant flesh and on sweet wine."

Book XI.—In the eleventh book Odysseus takes leave of Circe, and sails to the limits of the world and the dwelling of Hades and dread Persephone. There he sacrifices, and the spirits of the dead come to him. One, Teiresias, warns him that his own death will come from the sea, and recommends that on his return to Ithaca, Odysseus should take with him "... a shapen oar, till thou shalt reach men who know not the sea, nor eat salt mixed with their food, nor know anything of purple-cheeked ships nor of shapen oars that are the wings of ships. I will tell thee a sign so plain that it cannot escape thee; whenever another traveller encountering thee shall say that it is a winnowing-fan thou art carrying on thy strong shoulder, then do thou drive thy shapen oar into the ground and make goodly sacrifice to Lord Poseidon. ..."

Odysseus sees the spirit of his own mother, and she tells him:

"... No, it was my longing for thee, great Odysseus, and for thy counsels and for thy loving kindness that robbed me of sweet life."

Many other phantoms of men outworn came to Odysseus across the mead of Asphodel — Agamemnon, Achilles, and Patroklos who had fought with him at Troy.

THE SIRENS

Tantalus was there in torment, standing in water up to his chin, which always fell away as he stooped to drink, and tall trees which tossed their fruit away as he clutched at them. And there was Sisyphus, who continually rolled a great stone uphill.

Book XII. — In the twelfth book Odysseus has left the land of Hades, and his next adventure is the passage of the island of the Sirens, who bewitched men by their songs, and lured them to destruction. Odysseus was bound to the mast of his ship, and the ears of his men stopped with wax so that they might not hear the music.

Then came the adventure of Scylla and Charybdis. Scylla was a dreadful monster, with twelve feet and six necks with a head on each and therein three rows of teeth. Living in a cave, she swooped down and caught up out of the

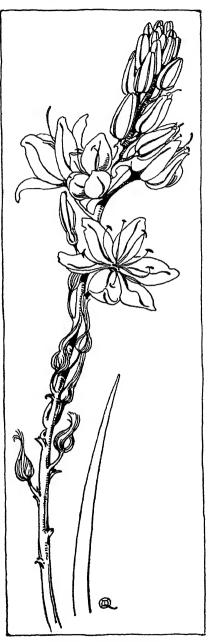


Fig. 35.—Asphodel.

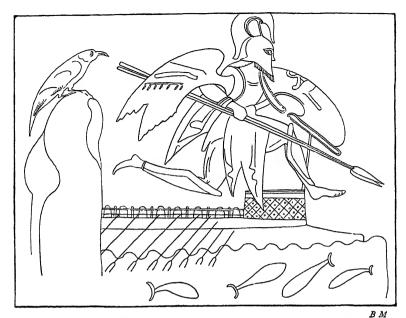
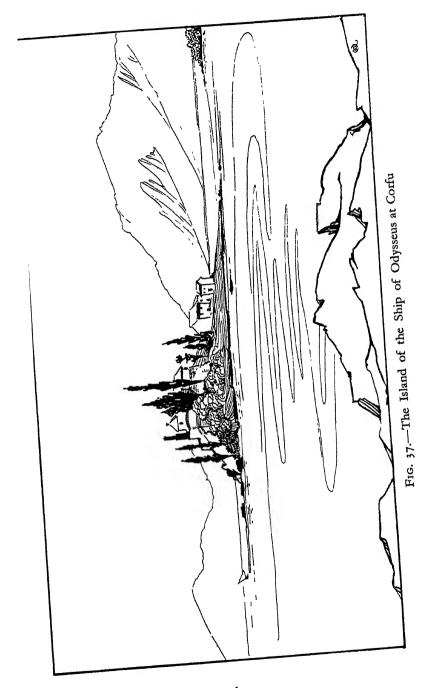


Fig. 36.—Achilles transported to the Isles of the Blest.

ship six of Odysseus's men. Charybdis was a whirlpool that sucked down the water and spouted it up again. Having passed these perils, disaster overtakes them, because the men kill the cattle of Helios, on the isle of Thrinacia. Because of this, the ship and the men are destroyed in a great storm, and only Odysseus is rescued by Calypso, to live with her on the isle of Ogygia, and this is where we first meet Odysseus in the "Odyssey."

Henceforward the tale becomes a straightforward recital of Odysseus's return to Ithaca, but our interest is sustained because we know that there must be dramatic happenings when the wooers are discovered.

Book XIII.—In the thirteenth book Odysseus is sent back to Ithaca by Alcinous, and, going to sleep in the ship, is put on shore without being awakened, and then the kindly Phæacians sailed back. It is sad to relate that Poseidon had his revenge, because as the ship neared home, "then near her drew the shaker of the earth, and he struck and



ODYSSEUS REACHES ITHACA

changed her into a stone and rooted her fast to the ocean bed with a blow of the flat of his hand."

To-day, in Corfu, the people show you an island which, they say, is Odysseus's ship turned into stone. We give you a sketch (Fig. 37) to show you what it looks like.

When Odysseus awakened, he found his constant friend Athene by him, and she contrived that:

"I will wrinkle the fair skin on thy supple limbs, and from off thy head I will make to fall thy yellow hair, and wrap thee in a foul garment, such that one would shudder to see a man clothed therein."

It is in this guise that he goes to the house of Eumæus, the swineherd, while Athene hastes to Sparta to bring back Telemachus. This brings us back to the doings recounted in the fourth book.

Book XIV.—In the fourteenth book Odysseus arrives at the house of the swineherd, and "found him sitting in the fore-hall of his house, where his courtyard was builded high, in a place overlooking a wide prospect; a great court it was, and goodly, with an open space all around. This the swineherd himself had built for his master's swine, his master who was far away, and his mistress and the old man Lærtes knew nothing of it. With huge stones he had built it, and fenced it in with a hedge of white thorn. Outside, splitting oak to the dark core, he had driven in stakes the whole length of it on either side, set thick and close; and within the courtyard he made twelve sties, near by one another, as beds for the swine, and in each sty fifty were penned, fifty wallowing swine sows for breeding; but the boars slept without."

Odysseus is kindly entertained by the swineherd, and given roasted pork sprinkled with white barley-meal to eat, he hears of the misdeeds of the wooers.

Book XV.—In the fifteenth book Telemachus is brought



Fig. 38.—Epinetron or Spinning Instrument.

ODYSSEUS AS

back by Athene, and, escaping the wooers who laid in wait for him, goes to the house of the swineherd.

Book XVI.—In the sixteenth book Eumæus is sent to the town and Odysseus makes himself known to his son. To assist him in this, "Athene touched him with her golden wand. A fresh cloak and a tunic she first of all cast about his chest, and she heightened his stature and the bloom of his manhood. Warm once more grew his colour; his cheeks plumpened, and thickly round his chin sprang the black beard."

When the swineherd returns, Odysseus becomes an old beggar man again.

Book XVII.—In the seventeenth book Telemachus goes to tell his mother Penelope of his journey, and in the evening Odysseus and the swineherd go to . . .

"The fair house of Odysseus, easily a man would know it, though he saw it among many others. There is building beyond building, and the courtyard of the house is closed in with a wall and battlements, and well-fenced are the folding doors."

They meet Melanthius, the goatherd, who reviles them. Here no one knows him except his old hound, Argos, who lay "upon the deep dung of mules and kine, that lay heaped up before the doors, till the slaves of Odysseus should carry it away to dung his wide lands." Yet the hound recognised the voice of his master, and "wagging his tail dropped both ears, but nearer to his master he had no longer strength to come. And Odysseus glanced away, wiping a tear that he easily hid from Eumæus. . . . But as for Argos, black death descended on him in that same hour that he saw Odysseus again, in the twentieth year of his age."

Then Odysseus entered the house, sat down within the doorway, and watched the feast and listened to the MINSTREL; and Telemachus was there and sent him food by the swine-

A BEGGAR

herd, and told him to beg of the wooers as well. Athene urged him in the same way to make test of them. All gave him somewhat, except Antinous, who caught up a footstool and struck him with it on the back. Penelope hears of this, and is ashamed that a stranger should have been treated in this way, and sends for Odysseus.

Book XVIII.—In the eighteenth book a real beggar, Arnæus by name, comes up to the house, and thinking of Odysseus as a rival would have



Fig. 39.—Spinning.

driven him away. The wooers encourage the quarrel and promise the winner a present:

"Here are goats' bellies lying by the fire, which we laid by at supper time and filled with fat and blood. Now, whichever of the two wins, and shows himself the better man, let him stand up and take his choice of these puddings."

In the boxing match which followed, Odysseus was easily the winner, and wins the pudding.

Then Penelope, attended by her maidens, came down from her upper chamber to the hall, and Athene steeped her with beauty imperishable. "Standing by the pillar of the well-builded roof," she chided Telemachus for allowing the stranger to be ill-used. Penelope's great beauty moved the wooers to renewed efforts to win her, and "each man sent a henchman to bring his gifts. For

PENELOPE

Antinous his henchman bare a broidered robe, great and very fair, wherein were golden brooches, twelve in all, fitted with well-bent clasps. And the henchman straightway bare for Eurymachus a golden chain of curious work, strung with amber beads, shining like the sun. And his squires bare for Eurydamas a pair of ear-rings with three drops well wrought, and much grace shone from them. And out of the house of Peisander, the prince, the son of Polyctor, the squire brought a necklet, a very lovely jewel. And likewise the Achæans brought each one some other beautiful gift."

Then follows an amusing touch. Odysseus rejoiced that Penelope had tricked the wooers in this way. When Penelope retired with the gifts, the wooers turned to dancing. "Presently they set up three braziers in the hall to light them, and on these they piled firewood all around, faggots long seasoned and dry, new split with the axe. And midway by the braziers they placed torches, and the maids of brave-hearted Odysseus held up the lights in turn." Odysseus tells the maidens to go to their quarters and twist yarn, or card wool, but they only laugh, and the wooers fall to taunting Odysseus and then go home.

Book XIX.—In the nineteenth book Odysseus arranges with Telemachus to remove the arms out of the hall, and tells him how he is to explain to the wooers that this has been done in case they quarrel between themselves and wound one another, "for iron draws a man unto it of itself."

This is the first reference to iron weapons—hitherto we have only heard of bronze. The good nurse Euryclea was called in to assist, and the arms are taken to the armoury, and Pallas Athene carried a light, and its radiance caused Telemachus to wonder.

"Truly, father, a great marvel is this which mine eyes behold; surely the walls of the house and the fair roof

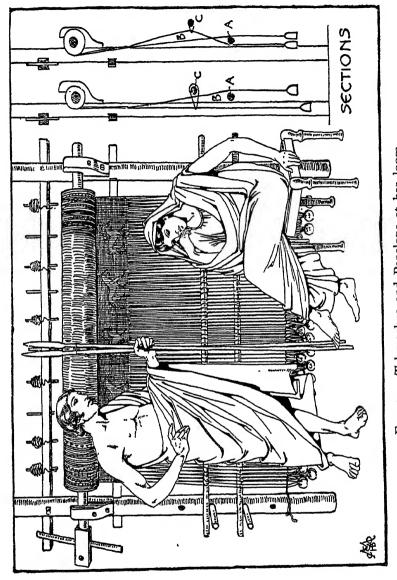


Fig. 40.—Telemachus and Penelope at her loom.

75

F

THE CONTEST OF THE AXES



Fig. 41
Washing the feet of Odysseus.

beams and the cross-beams of pine, and the pillars that reach aloft glow as it were with the light of a blazing fire. No doubt some god is within doors, one of those that hold the wide heaven."

Telemachus retires to rest, and Penelope comes down to the hall, "and they placed a chair for her

close by before the fire, where she used to sit; a well-wrought chair it was, inlaid with ivory and silver, that once the craftsman Icmalius had fashioned, joining a foot-stool, that was part of the chair, whereover they were wont to spread a great fleece." Penelope talks to Odysseus, and tells him how she is plagued by the wooers, and how she tricked them for three years by weaving a shroud for Lærtes by day, and then unravelling it by night, but that now she could not put off the wooers much longer: "But longing for Odysseus, I waste my heart away."

Odysseus dare not make himself known to his wife, so tells her "many a false tale in the seeming of the truth," but warns her that her husband is at hand. Penelope can hardly hope that this is true, and sends for the old nurse Euryclea to wash his feet, and the nurse recognises Odysseus by a scar on his leg, left from an old hunting wound. Penelope does not notice the recognition. She tells Odysseus how she will make trial of the wooers in the morning.

"I am about to ordain for a contest those axes that he was wont to set up in a row in his halls, like oaken props in shipbuilding, twelve of them in all; he would stand far off and shoot his arrow through them every one.

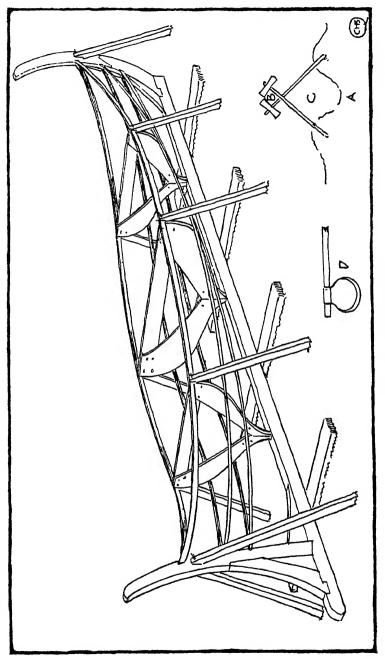


Fig. 42.—Boatbuilding.

THE TRIAL OF

This contest I will now appoint the wooers: him who shall most easily string the bow in his hands, and shoot through all twelve axes, him will I follow and forsake this house, this house of my wedding; so fair it is and filled with livelihood, that methinks I shall still remember, aye, even though it be in a dream."

Penelope then goes to her upper chamber.

Book XX.—In the twentieth book Odysseus sleeps in the vestibule of the house, and in the morning the wooers come to resume their feastings, and Athene stirs them to wrath against Odysseus.

Book XXI.—In the twenty-first book Penelope descends the tall staircase of her chamber, takes the well-bent key of bronze with an ivory handle, and goes to the treasure chamber. "Then quickly she loosed the strap from the handle of the door and in she thrust the key, and with a sure aim shot back the bolts." There she finds the back-bent bow of Odysseus, with its quiver and arrows. These she takes to the wooers in the hall, and arranges a contest for them with herself as the prize, saying:

"Whoso shall most readily string the bow in his hands and shoot through every one of the twelve axes, him will I follow and with him forsake this house."

Telemachus sets up the axes. "First he dug a trench, and in it set up the axes, one long trench for them all, making it straight to the line, and round them stamping down the earth."

He then tries to string the bow, but fails, and after him Leiodes, with the same result. Antinous, another of the wooers, then commands the goatherd:

"Come now, Melanthius, light us a fire in the hall, and put a great settle by the fire and a fleece covering it, and bring forth from within a great ball of lard, that we young men may warm the bow and grease it with the fat, and so make trial of it and bring an end of the contest."

THE BOW

But the fire and the lard do not help, and the wooers fail one by one to bend the bow. While this is going on, Odysseus draws the neatherd and the swineherd from the hall, and after testing them makes himself

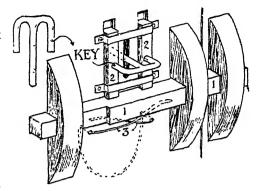


Fig. 43.—Homeric Lock.

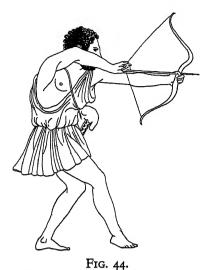
known to them. He arranges their return to the hall separately, and tells Eumæus, the swineherd, to contrive that the bow is handed to him and "bid the women bar the well-fitting doors of their hall. If any of them hear the sound of groaning or the din of men within our walls, let them not run forth, but stay where they are in silence at their work."

Philotius, the neatherd, is told "to bolt and bar the outer gate of the courtyard, and quickly tie the knot."

The wooers by this time have all made trial and failed

to string the bow, so Odysseus asks that he may be allowed to try, but this enrages the wooers. Telemachus sends his mother from the hall to her upper chamber, and the bow is given to Odysseus, and the swineherd warns the nurse Euryclea to bar the doors of the women's chambers, nurse Euryclea to bar the doors of the women's chambers, and the neatherd hastes silently and closes the gates of the court. The stage is now set for the last act, and Odysseus takes up the great bow, and "even as when a man who is skilled at playing the lyre and in song easily stretches a string about a new peg, tying the twisted sheep-gut at either end, even so did Odysseus straightway bend the great bow without effort, and taking it in his right hand he tested the bow string, which hummed sweetly

THE SLAYING



at his touch, in tone like a swallow." And great grief comes upon the wooers. Odysseus then takes one of the arrows, and "with straight aim let fly the arrow; not one of the axes did it miss; but starting from the first axe - handle, the bronze weighted shaft passed clean through and out at the last."

Then "Telemachus, the dear son of divine

Odysseus, girt about him his sharp sword and took the spear in his grasp, and stood by the chair at his father's side armed with the gleaming bronze."

Book XXII.—In the twenty-second book Odysseus strips off his rags and leaps to the great threshold with his bow and quiver full of arrows. With his first shot he kills Antinous, and the wooers searching for shields, or spears, find that these have been removed from the hall. Then Odysseus makes himself known to them, and the killing proceeds apace. The wooers draw their swords and "pick up the tables to ward off the arrows of swift death."

Amphinomus now attacks Odysseus by the door, but Telemachus casts his spear and, killing him from behind, runs to his father. . . . Odysseus then sends Telemachus for arms, and he goes "forth to the chamber where his famous weapons lay stored." There he takes four helmets and shields and eight spears. That is, a helmet and shield and two spears each for Odysseus, Telemachus, the swineherd, and the neatherd, who fight on their side.

OF THE WOOERS

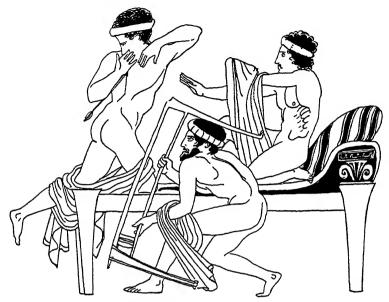


Fig. 45.—The slaying of the wooers.

The poem now becomes of great architectural interest, and we should like our readers to take careful note of the details which we will endeavour to explain later.
"Now, in the well-builded wall there was a certain

"Now, in the well-builded wall there was a certain postern raised above the floor, and there, by the topmost level of the threshold of the stablished hall, was a way into a passage, shut by well-fitted folding doors. So Odysseus bade the goodly swineherd stand near by and watch this postern, for thither was there but one approach."

One of the wooers then asks if anyone can climb up to the postern, the ordinary approach being guarded, and raise a cry for assistance. Melanthius, the goatherd, who fights on the side of the wooers, thinks this is impossible, but volunteers to climb "by the clerestory of the hall to the inner chambers of Odysseus." There he finds twelve helmets, shields, and spears, and brings them finds twelve helmets, shields, and spears, and brings them back to the wooers. How he manages to get back we

ATHENE

are not told. It was the same chamber, because Telemachus remembers that he left the door open. The door must have been visible from the hall, because Telemachus says that one of the wooers must have been quick enough to spy it. Melanthius makes another trip, and Eumæus and the neatherd are sent to catch him, which they do, and after binding, pull him up and leave him dangling from the roof beams.

Then Athene comes to the assistance of Odysseus, and "darted up into the roof timbers of the murky hall, like a swallow in its flight, and there sat down." And the wooers cast their spears in vain. Then the company of Odysseus "set upon the wooers, and right and left they smote them through the hall, and there a hideous moaning arose as their heads were smitten, and all the floor ran with blood."

Only the minstrel Phemius and the henchman Medon are spared, and go out and sit by the altar. Telemachus is sent to call the old nurse, Euryclea, and Odysseus tells her to send women to clean the hall, and as well demands the names of the maids who have dishonoured themselves with the wooers. Then Odysseus tells Telemachus to slay the maidens, and they were led forth from the stablished hall to a "narrow space between the vaulted chamber and the stout fence of the courtyard." A ship's cable was tied to a great pillar, and around the vaulted room, and nooses were placed around the necks of the women and they were hanged on the cable, and "for a little while they writhed with their feet, but not for long."

Then they washed and purified the house with burning sulphur, and "the adventure was over."

Book XXIII.—In the twenty-third book the old nurse goes up to Penelope's chamber to tell her the good news of Odysseus's return, but Penelope thinks the nurse is distraught, and refuses to believe her. However, she

Fig. 46.—A Boar Hunt.

ODYSSEUS VISITS LÆRTES

goes down from her upper chamber and enters the hall by the threshold of stone, and sits down over against Odysseus in the light of the fire, and still finds it difficult to believe that this stranger in vile raiment can be her noble husband who left her twenty years before. Telemachus rebukes her for her doubt, and Odysseus waits for her to speak to him. Athene comes to his assistance, because, after he had bathed and taken new clothes, she sheds great beauty on him and restores his youth—so in the end Penelope knows that verily it is her own husband who has come back.

In the morning Odysseus rouses Telemachus, the neatherd, and the swineherd, and goes to see his old father, Lærtes, who lives in a farm outside the city. "He was clothed in a filthy tunic, patched and unseemly, with cobbled leggings of ox-hide bound about his shanks to guard against the scratches of the thorns, and long sleeves over his hands because of the brambles, and on his head he wore a goatskin cap." There they find him digging about a plant, and Odysseus makes himself known. Lærtes asks for a manifest token that he might be assured, and Odysseus shows him the scar from the boar's tusk, and the trees in the garden that were given to him when a child for his own. Then Lærtes knows that his son has come back, and they all go into his house and feast.

Meanwhile news of the slaughter of the wooers has got abroad, and their friends arm themselves to take vengeance on Odysseus. Here we think Homer must have been at some pains to round off his tale in a proper way. It is quite obvious that there could be no more killing after the slaughter of the wooers; yet the vengeance of their friends must be satisfied. So the poet makes Athene speak to Father Zeus, who proposes that Odyssetis shall be king all his days, and oblivion descend on the avengers so that they forget the slaying of their children



Fig. 47.—Draughts.

and brethren. This would be a characteristically modern happy ending; but it would not have suited Homer's

listeners. He makes the avengers start out against Odysseus, and they come to the house of Lærtes while the feast is in progress, and Odysseus and his son rise up and put on their harness, and the old man is happy and says:

"What a day is this for me, ye kind gods; yea, a happy man am I! My son and my son's son are vying with one another in bravery."

And the grey-eyed goddess Athene takes compassion on Lærtes; she breathes into him great strength, and his age falls away from him. He is young once again, and catching up a spear hurls it at Eupeithes and kills him, and then, and not till then, is oblivion allowed to fall on all the people, so that they can live happily ever after.

DORIANS AND

CHAPTER IV.—EVERYDAY THINGS

We hope our outlines will be sufficient to give such of our readers as do not know the poems a general idea of the "Voyage of the Argonauts," the "Iliad," and the "Odyssey." Just as the voyage was in all probability a poetical account of the search of early Bronze Age men for gold, so the "Iliad" may have been the history of a war waged for the purpose of trade.

If our map (Fig. 6) is consulted, it will be seen what an important position Troy occupied. It commanded the entrance to the Black Sea, and it may be that Greece imported corn from there in Homeric times, as she did later in the Peloponnesian War. Agamemnon perhaps was forced to attack Troy, because the Trojans were interfering with his food supplies. If, like the Greeks, we accept Homer as a historian, we must as well remember that he was a great poet, and his telling of a trade dispute had to be glorified by the radiance of Helen and her beauty. In the same way Odysseus could not sail straight back after the war. Poems were not written that way in olden days. Heroes went, willy-nilly, in search of adventure, and the poet had to give good measure and running over.

The date of the Trojan War is placed about 1200 B.C., that is, just before Greece was overrun by the Dorians from the north. These Dorians were fierce and warlike, and overthrew the civilisation which had been built up on the mainland of Greece after the fall of Cnossos. It was, in fact, a very close parallel to what happened to Romanised Britain, when we were invaded by the Angles, Saxons, and Jutes.¹ Both the Dorians and the Saxons were unable to maintain the essential services of a highly organised state, so both periods were followed by Dark Ages of which we know nothing at all.

THE DARK AGE

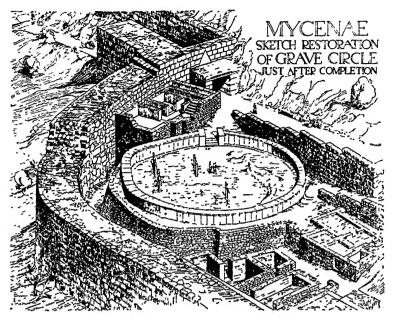


Fig. 48.—The Grave Circle at Mycenæ. (Restored by De Jong.)

We do not know when Homer lived or wrote, but in all probability it was about the ninth or tenth century B.C., when the Dark Age in Greece was coming to an end. His part was to gather all the legends together and form them into a glorious whole. He sang of a Golden and Heroic Age, and his poems, which became the Bible of the Greeks, must have played a great part in the wonderful renaissance of classical times.

We have so far illustrated the incidents of the "Iliad" and "Odyssey" by drawings made from Greek vases. These have been drawn mostly from black figure vases which date from the sixth century B.C. This must be borne in mind. Our illustrations do not give our ideas, but show what the sixth-century Greek accepted as being right. Now we propose to try and gather the details of everyday

life together, and fit them against a background. We

TIRYNS AND

shall begin with those early buildings in Greece, which, in architecture, are described as of the Mycenæan period.

If we enter Greece at the head of the Argolic Gulf, we come to a very wonderful group of places. First, there is Tiryns, a fortified acropolis, then comes Argos, and at the head of the Argive Plain, Mycenæ, the home of Agamemnon. Here we shall find the celebrated Lion Gate, the shaft graves where Schliemann made his discoveries, and the so-called Tomb of Agamemnon.

The dating of this group of buildings is a problem which is interesting scholars at the moment. Fig. 48 can be used to illustrate some of the difficulties with which they are confronted. At the top of the picture is the inside of the Lion Gate, and leading from it, to the right, a path. This makes the line of the original wall to the stronghold on the hill behind.

About the middle of the fifteenth century B.C. the Mycenæans built the Lion Gate and the circular wall on the left of Fig. 48. This goes round the grave circles, in the middle of the picture, which enclosed the shaft graves where Schliemann made his great discovery. The date coincides with the fall of Cnossos (p. 14) and the end of the Cretan supremacy. It seems as if the Mycenæans were moved to protect graves that were already there, or which they constructed hastily to take bodies brought from the tombs outside the walls, like the Tomb of Agamemnon (Fig. 53). This latter is the view taken by Sir Arthur Evans in his recent books on the "Tombs of Mycenæ." We cannot here even summarise the many arguments, but if our readers think of the Lion Gate as having been built about 1450 B.C., and the Tomb of Agamemnon some century or so before, we do not think they will be far wrong.

Seventeen bodies were found in the Grave Circle at Mycenæ—eleven men and six women; they had been

MYCENÆ

buried wearing much jewellery and their faces covered with golden masks. Fig. 49 shows a gold plate from one of the graves, which has a pattern on it very like that carved on the Anglo - Saxon font at Deerhurst, Glos.¹ Schliemann thought that he had discovered the grave of Agamemnon, and he telegraphed to the German

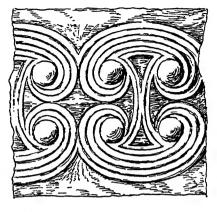


Fig. 49. Gold plate, from grave at Mycenæ.

telegraphed to the German

Emperor, "I have gazed on the face of Agamemnon."

The Lion Gateway is a wonderful architectural composition, expressing strength and dignity, and the lions are notable as being the first example of Greek sculpture. These have never been buried, and stand up as proudly to-day as they did when first put up. Originally the heads were probably of bronze, and fixed to the dowel holes, which can be seen on the neck of the right-hand lion. A cast of the group can be seen in the Gallery of Casts at the British Museum. The builders seem to have left a triangular void to keep the weight of the wall from the lintel under, and then have filled in the space with the lions as a decorative feature; but they need not have been alarmed, as the lintel is 16 ft. 6 in. long and 3 ft. 6 in. high and 8 ft. deep. The walling is called Cyclopean, because it seems as if it could only have been built by a race of gigantic cyclopes like Polyphemus. It should be noted that between the lions a small column of Minoan character has been carved by the sculptor.

Fig. 50 is a reconstruction of the gateway inside.

1 See Fig. 41, "E.L.," IV.

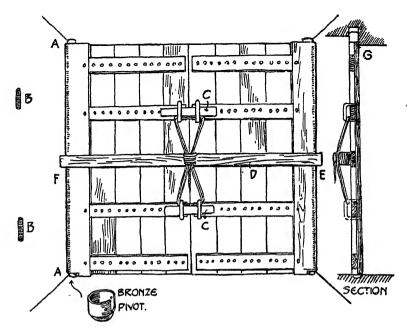


Fig. 50.—Interior of Lion Gate. (Reconstruction.)

The wooden doors are not there now, but the pivot holes in which they turned are, and the bolt holes at E and F, and two other holes into which some form of staples closed when the doors were opened. There are references in the "Odyssey" which explain the details. In the twentyfirst book, when Odysseus is making his preparations for the slaying of the wooers, he sends the neatherd to bolt and bar the outer gate and tie the knot. The doors opened inwards into the gateway and, when shut, could not be pulled open the other way from the outside, because the lintel at G was dropped down and formed a stop to prevent The neatherd would have shut the doors against this stop and prevented them from blowing open again by putting the bolts at c through the staples. The bar D, which, when the door was open, was kept pushed back in a long hole in the wall at E, was then drawn out and fitted into a short hole on the other side at F, and then the knot

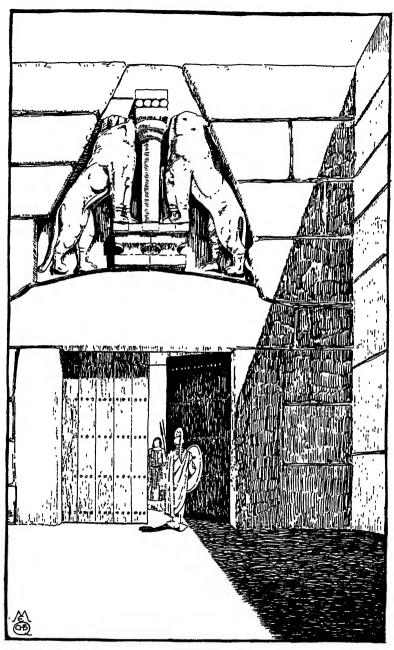


Fig. 51.—The Exterior of Lion Gate at Mycenæ, with doors added.

G

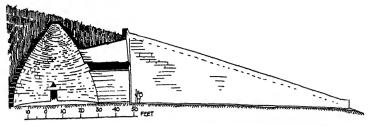


Fig. 52.—Section through the Tomb of Agamemnon.

was tied. The doors were made with projecting pins on them at AA. These were not very long, or it would not have been possible to get the door into place. If the top one were rounded, it could be persuaded to go into the top pivot hole, and then the whole door being lifted up, the bottom pin could be dropped into the bronze pivot. One like the sketch was found at Tiryns. Doors like this used to be made in England, and were called Harrhung, and castle doors were always fastened with bars in

the early Middle Ages.

The great tomb at Mycenæ, called either the Tomb of Agamemnon, or the Treasury of Atreus (his father), is really of much earlier date. The form of construction, which again was borrowed from Crete, is shown in Fig. 52. A long entrance passage was cut into the hillside, with walls at the side, and the door into the tomb at the end. We have shown this in Fig. 53, with the columns which once flanked it. Parts of these are now in the Archaic Room at the British Museum, and their intricate ornament of spirals and chevrons gives one some idea of the splendour of the tomb's entrance when first it was finished. Probably the triangular space was once filled with sculpture, as in the Lion Gate. It may give some idea of the scale of the entrance when we say that one of the lintel stones is 29 ft. 6 in. long by 16 ft. 6 in. wide by 3 ft. 4 in. high, and cannot weigh much less than 100 tons. There are pivot holes in the threshold and lintel, as at the Lion Gate, and the wooden doors were probably sheathed with bronze.

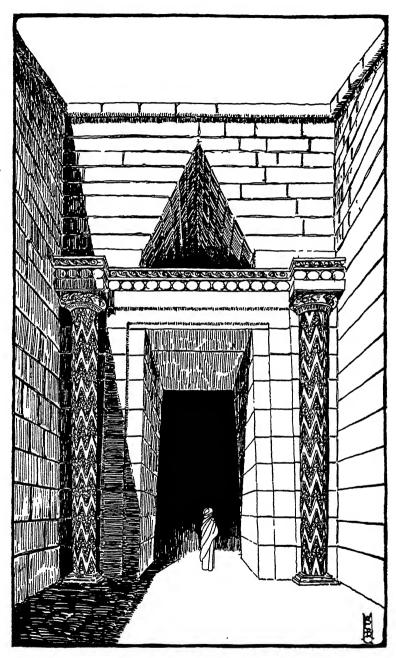


Fig. 53.—The Tomb of Agamemnon.

THE TOMB OF AGAMEMNON

The entrance leads directly into a vault of about 48 ft. 6 in. diameter by 45 ft. 6 in. high, which, when you are inside, gives you an impression of much greater size. The dome is formed, not by arched stones whose joints radiate to the centre, but by courses laid flat and corbelled over, until at last one stone covers the whole. internal face was then cut down to the shape it now has, and as there are many dowel holes on this face, it is thought that bronze ornaments were applied originally. The stones. too, are not wedge-shaped on plan, so behind all the vertical joints there are spaces, and these have been taken by bees for their homes or hives, and they fly continually in and out through the doorway. This is perhaps one of the things you will remember when you go to Greece the great vault of Agamemnon's tomb with its cathedral-like quality, the sunlight at the entrance fading to the gloom overhead, and the sound of the winging bees, as if somewhere an organ were humming to itself.

The only way the vault could have been constructed was by sinking a shaft from the hillside above, and then filling in after the vault was built.

Now we come to one of the most interesting places in Greece—Tiryns. This, like Mycenæ, was excavated by Schliemann assisted by Dr W. Dörpfeld in 1884 and 1885. Their work laid bare a splendid example of the fortified acropolis. This needs explanation, because it was a new type of building, and quite different from the palace of Cnossos built in a valley without fortifications. Because of the famous Acropolis at Athens, which seems to have been built to enshrine the Parthenon, we have come to think of an acropolis as being a sacred place, whereas the word only means a city on high. This is what the Acropolis at Athens was at first, and because of Schliemann and Dörpfeld's work at Tiryns, we are able to find out what these early fortified cities were like. It is quite

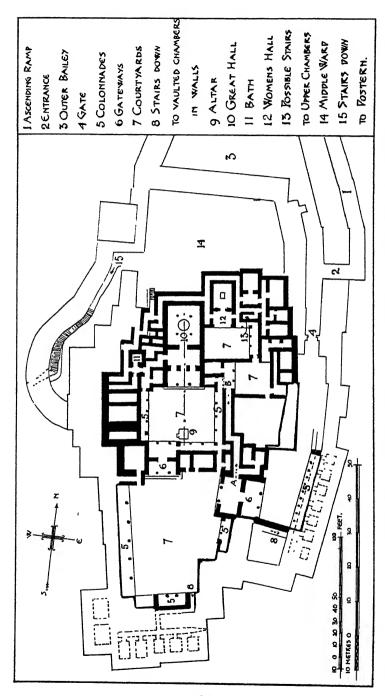


Fig. 54.—General Plan of Tiryns, based on the Survey by Schliemann and Dörpfeld.

TIRYNS

obvious that if some of the details of Tiryns are Minoan in character, its general plan is conceived on entirely different lines, and that a different type of people lived there. If Cnossos is Southern, then Tiryns is Northern.

Again, though Ithaca on the west coast of Greece is supposed to have been the home of Odysseus, it is always Tiryns which is used to illustrate the "Odyssey." It almost seems as if Homer had a somewhat simplified Tiryns in mind when he described Ithaca in his poems. He knew the place; in the second book of the "Iliad" he refers to "Tiryns of the great walls."

Schliemann's plans are generally used to illustrate the place, but as plans are not convincing to many people, we have, at some pains, built up a series of reconstructions based on this plan and our own survey of the site. This must be borne in mind. The plan is the plan of Schliemann and the bases of the walls can be traced on the site; of these there is not any doubt. But the buildings raised on the walls are the buildings of Quennell, and of these there may be many doubts. However that may be, we hope, even with this warning, that our reconstructions may serve to give our readers a picture whose details they can test by their own observation and judgment.

Fig. 54 gives a general plan, and the various parts of the building are noted at the side of the drawing. Perhaps the bird's-eye view, Fig. 55, is better for our purpose. The ascending ramp is shown at 1, with a tower commanding the entrance at 2. This ramp is so planned, that if besiegers used it to attack the city, their right side, which was not protected by their shields, would have been exposed to archers on the walls over. It must be remembered that Tiryns was a city, forming the headquarters of many hundreds of people. In the "Odyssey" the swineherd raised his swine, and Lærtes farmed outside the city. In times of stress they would have retired to it for protection,

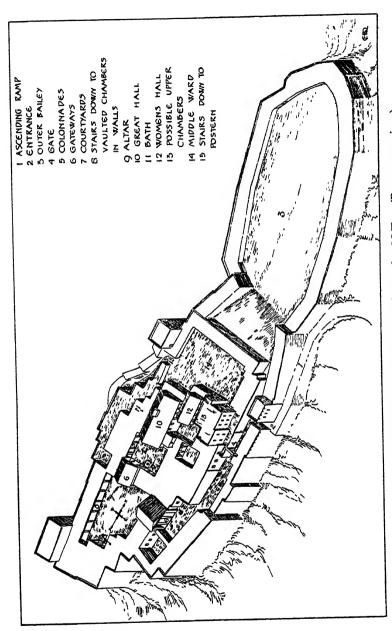


Fig. 55.--Bird's-eye View of Tiryns from the N.B. (Reconstruction.)

TIRYNS

and driven their cattle into the Outer Bailey at 3. Here, like a mediæval castle, there would have been workshops and sheds and chambers in the walls, which are over 20 ft. thick. There is another strong gate at 4, which turned on pivots, and was fastened with a bar as the Lion Gate, Fig. 50. This led into a long, narrow court, with a colonnade at the top on the left-hand side, and opposite it, at 6, another gateway, or propylon. If reference is made to Fig. 54, it will be seen that this had a central door with a porch on either side.

This gateway is of the greatest interest, because it is the type from which the great Greek gateways, like the propylea at Athens, were developed. Architects describe the plan of this gateway as being Distyle in antis, meaning two columns standing between antæ. Antæ are pilasters on the side walls. It should be noted that from the inner porch of this gate a passage at A to B, Fig. 54, led to the women's quarters.

This gateway at Tiryns led to another court with colonnades or galleries at 5 around it. These apparently were used for tethering cattle in. In the twentieth book of the "Odyssey" the neatherd brings cattle for the feast, which are tethered carefully beneath the echoing gallery. If the swineherd brought some of his swine as well, one understands the echoing. In any case they would need to be kept close at hand, because they were sacrificed just before the feast. Our readers must not be misled by our tidy little architectural drawings: Tiryns was probably a very untidy place in its prime. Geese lived in the court and pecked their wheat out of troughs, and the old hound Argos, who was the very first to recognise Odysseus, was found by his master lying on the dung of mules and kine. The light chariots would have been driven right up into the court. When Telemachus arrived at Sparta, they loosed the horses from under the yoke and fastened them in the

stalls for the horses, giving them spelt and barley, and tilted the chariot against the gateway.

It was from this outer court that access was gained to the extraordinary vaulted chambers built under in the thickness of the walls. Fig. 56 shows how these were constructed, on the same principle as the Tomb of Agamemnon at Mycenæ, by the corbelling out of horizontal courses. and not on an arched principle. We shall leave our readers to discover what purpose the chambers served. If they are feeling gloomy they can imagine them as dungeons holding wretched prisoners, or, in more cheerful mood, think that they were only storehouses for oil and wine,



Fig. 56.—Vaulted wall chambers at Tiryns.

like those at Cnossos. When Tiryns was deserted and the walls began to crumble, sheep scrambled up and found their way into the wall chambers on the east side, and the constant rubbing of their oily fleeces, in the course of time, polished the rough stones until they look like marble.

We can now leave the outer court by another propylon on its north side, which led into the central court of the city. This had the Megaron, or men's hall, on its north side, with colonnades on the remaining sides. On the

TIRYNS

south of the court, on the axial line of the Megaron, was the altar. Here the animals were sacrificed, and their bodies, after due offerings had been made to the gods, taken into the hall to be cooked.

Here, perhaps, we had better refer to Fig. 57, because it shows the Megaron, which was the centre of the city, in more detail. The plan shows that the Megaron had three parts. First a porch, or portico, then a vestibule, and then the actual hall. Here there was a central fire, as at our own fourteenth-century Penshurst but the chief sat on a seat at the side of the hall, as described in "Beowulf," and not on a dais at the end of the hall as at Penshurst. We think it is probable that the vestibule had a gallery over it.

The position of the bath house, on the west side of the hall, should be noted, and how it could be reached from the court, or the vestibule of the hall. Practically adjoining the men's hall, on the east side, came the women's hall, with its own court, and then on the east of this again the private chambers of the chief. There must have been a door at E, Fig. 57, with a guardroom at F, or Penelope would not have been able to make her frequent appearances in the hall at all conveniently. She could hardly have approached the hall by the line GH, though this would have been her way to the bath house, or the stairs to the garden on the north, or the postern gate.

Again, Tiryns seems to have resembled the hall described in "Beowulf." The retainers slept in the hall with their arms at hand, but Hrothgar retired to a separate bower; so in the "Odyssey" Penelope sleeps in an upper chamber which may have been reached by stairs at 13 (Fig. 54).

It is impossible to determine now the uses of all the other rooms excavated by Schliemann, but it must be remembered that to-day we think of a house as housing a mother, father, and children, with some maids to help

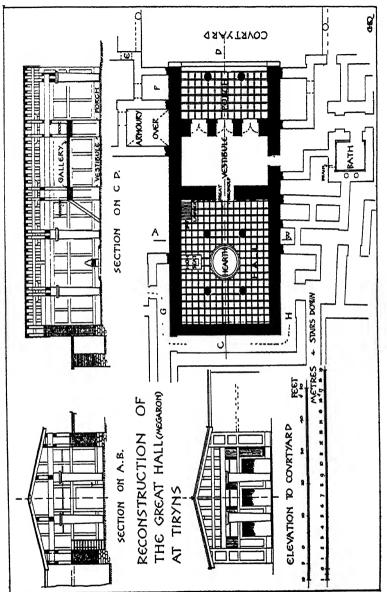


FIG: 57.

TIRYNS

matters. In the olden days you had your grandparents and your uncles and your aunts and the whole tribal family.

To continue our general description, Fig. 58 shows the city from the south-west side. At 14 was a middle ward, or garden, which seems to have been for the private use of the chief. Access could only be gained to it by stairs from behind the men's hall, and a passage led to them from the women's quarters. Here Penelope may have walked, and Odysseus, if he so desired, could have left the city to go on a hunting expedition by the stairs to the postern gate at 15.

Having arrived ourselves outside the city again, we can pause to look at the walls. These were celebrated even in early times. Pausanias, who lived in the time of M. Aurelius, and wrote one of the earliest guide books, complained that people in his time wrote of the Pyramids, and "Bestow not a word on the walls of Tiryns, which nevertheless are fully as deserving of admiration." The stones of these are of great size, many of them 6 to 9 ft. long by 3 ft. high and 3 ft. deep. They were roughly dressed and bedded in clay mortar. The rock on which Tiryns is built rises about 60 ft. above the plain. In the seventh book of the "Odyssey" we are told that the long, high walls of the town of the Phæacians were crowned with palisades.

We will now return to the Megaron. This appears to have been framed in timber, built on the top of low masonry walls (see the sections of Fig. 57). In between the timber frames, bricks were filled in, and then the walls were plastered and decorated with wall paintings. Fragments of these have been found (see Figs. 67 and 68). The roof over the hall and portico was supported on wooden columns, of which the bases remain. The floors were cast in concrete, divided up into squares by lines, and coloured blue and red. There were three doors from the portico to the

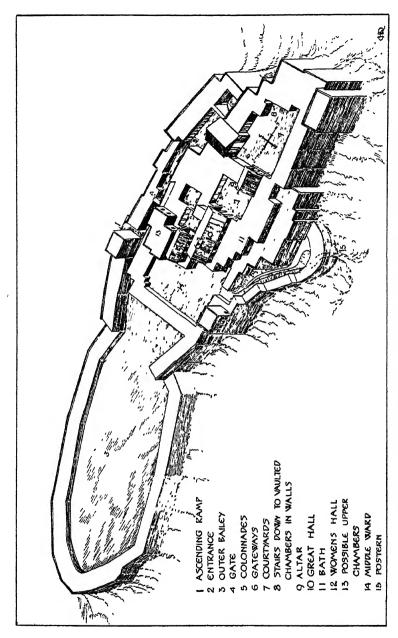


Fig. 58.—Bird's-eye View of Tiryns from S.W. (Reconstruction.)

ROOFS

vestibule, pivot hung, but the opening from the vestibule to the hall was apparently only screened by a curtain. Of all this there seems to be little doubt, but when we come to the roof there is. Like the two mighty powers of Lilliput and Blefuscu, which Gulliver found had been at war for thirty-six moons on the question of whether an egg should be broken at its large or small end, so classical scholars are divided among themselves on the Tiryns roof. Some say it was flat, others that it was gabled. We, without being scholars, incline to the latter view.

Homer was writing a long time after the Trojan War. and Tiryns was built a long time before it. It may be that the Dorians, who invaded Greece between the time of the Trojan War and when Homer lived, first introduced the sloping roof with gabled ends, yet the much earlier Tiryns is evidently the prototype of the Greek temple with its sloping roof and pedimented ends. The "Iliad" and "Odyssey" have many references to the gabled rafters of a lofty house and high-roofed halls, that suggest that Homer had sloping roofs in mind. One argument used against this view is the tale in the tenth book of the "Odyssey," of how Elpenor went to sleep on the roof of Circe's house, and waking up suddenly, fell off, and broke his neck. The flat roofers say this proves their case, but does it? We hate to have to say so, but Elpenor, alas, was drunk, and in this condition would have mounted quite readily to sleep on a sloping roof. So we think the roofs of the halls were sloping and covered with tiles or thatch. Thatch was used for the hut which the Myrmidons built for Achilles. (See as well our notes on p. 119 on the hall which the swineherd built himself.) The roofs of the other buildings at Tiryns were probably flat, and it is difficult to see how such a complication of small parts could have been roofed in any other way. Fig. 59 gives our

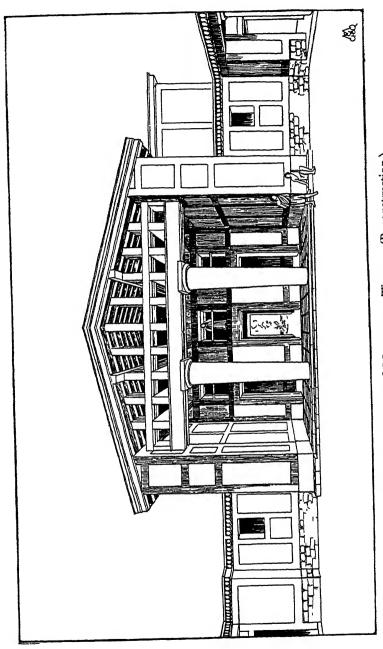


Fig. 59.—Exterior of Megaron at Tiryns. (Reconstruction.)

SLEEPING QUARTERS

idea of what the outside of the Megaron looked like, and Fig. 60 the interior.

Here again we must warn our readers against the tidiness of our drawings. The interior of the Megaron would have been cluttered up with many more things than we have shown. The tall pillars would have had polished spear-stands against them, and other arms hanging on the walls. We know that Odysseus removed these before he started the slaying of the wooers. Around the walls were beds and seats with skin coverlets and three-legged tables set in front of them. Chests were used for storing clothes.

Visitors slept in bedsteads placed in the vestibule, under the echoing gallery. When Telemachus went to Sparta he slept in this way ("Odyssey," IV.). From here they could easily reach the bath house in which a bath, as Fig. 63, stood. The bath water was heated in a great cauldron. Telemachus's chamber is described in the first book of the "Odyssey" as built high up in a fair court. He went to bed by the light of torches, and hung his tunic on a pin, and slept wrapped in a fleece of wool on a jointed bedstead. The old nurse Euryclea does for him, and when she leaves closes the door, and then shuts it by pulling the thong outside. In the twenty-first book, when Penelope goes to find the bow of Odysseus, she takes the key, looses the strap, and, inserting the key, shoots the bolts. Fig. 43 explains this.

Fig. 64 shows the ingenious tapered drain pipes which were used at Tiryns. They are not quite so modern as the circular-jointed and socketed pipes found at Cnossos by Sir Arthur Evans.

Passing to food and feasting, we know that the sacrifice was an essential part of the ceremony, and much the same as our saying grace. The altar was in the court, immediately opposite the portico. Here the animals were killed with

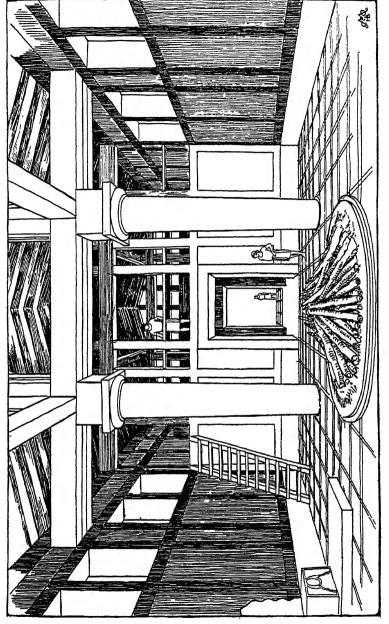


Fig. 60.—Interior of Megaron at Tiryns. (Reconstruction.)

H

SPINNING

appropriate ceremony, and offerings made to the gods. Portions of flesh were then brought into the hall and roasted on spits in front of the large central fire of cedar and sandalwood. Here they cooked their black puddings made of blood and fat put into the paunch of an animal. These were roasted, not boiled. The women ground barley and wheat in hand-mills to make the meal which was the marrow of men. When Telemachus sailed to Pylos, he took as food olive-oil, wine, and barley meal. In the fourth book are details of the meal he received when he arrived at Sparta.

In the twentieth book it is interesting to read how they sprinkled the hall and swept it, and wiped the tables clean with sponges, and cleaned the bowls.

Homer gives us many details of the household duties of women. It was Nausicaa who took the family washing down to the stream, and it was cleansed there by being vigorously trodden in trenches. In the twenty-second book of the "Iliad" we are told that the women of Troy did their washing in troughs of stone beside the stream. They would not have had soap, and probably used something like fuller's earth to assist in the cleansing.

Again, women had to make the clothes. The first operation was to cleanse the fleece and then dye it. The wool was then teased or pulled into fluff. Carding came after, and this was like combing it, so that the fibre of the fluff was arranged as lengthways as possible. Fig. 38 is of a curious, but very beautiful, piece of pottery thought to have been used in connection with spinning. It was made so that it could be fitted over the knee. The original is in the second Vase Room at the British Museum. The little sketch, from a vase drawing, shows it in use, with a nicely shaped basket at the side. Then came the spinning, which was the occupation of the spinsters. Fig. 39, from a black figure vase, shows how this was done. The

WEAVING

spindle was a piece of polished wood, about 12 in. long and $\frac{1}{2}$ in. diameter, and a little from the bottom came the whorl, which helped to spin it. The distaff was held in the left hand, or more usually under the left arm, and had some of the carded wool placed on it. A little of this was drawn out and twisted by hand until it was long enough to fix in a nick at the top of the spindle. This was then spun round by the wool, and as it spun more wool was paid out, and so twisted into yarn. This was then wound on to the spindle, and the operation of spinning continued. In the fourth book of the "Odyssey" we find that Helen had a golden distaff with violet-blue wool, and a silver basket that ran on wheels was filled with dressed yarns. In the sixth book Nausicaa's mother sits by the hearth with her maids, spinning yarn of sea-purple stain.

There are many references to weaving in Homer.

There are many references to weaving in Homer. The weavers stood in front of the loom and moved to and fro before it, using a weaving rod at breast height and passing the spool along the warp threads. Had Homer known that we should like to reconstruct his loom, he might have given us a few more details; but from what we do hear, it seems as if Penelope used a warp-weighted loom (Fig. 40 shows a reconstruction of this type from a Greek vase drawing). We might remind our readers that weaving is like darning. The vertical threads are the warp, and the horizontal ones—which go over and under the warp threads—are the woof. How this was done is shown on the sections at the side of Fig. 40. The warp threads hang down from a roller, on to which the work is wound as it is finished. The warp threads are divided by what is called a shed-stick at A. This gives a space through which the shuttle carrying the woof threads can be passed, but these latter have to be alternated between each passing of the shuttle. This was done by the heddle-stick c, which was attached by loops to alternate warp strings,

CLOTHES

and was pulled out for one passing of the shuttle, and then allowed to fall back for the next.

If our book, "E.L.," II., p. 61, is consulted, it will be seen how we used similar looms here in England in our own Bronze Age.

The material which was woven on the looms was made up into clothes without very much cutting. There are not very many references to clothes in Homer. When Odysseus is telling the swineherd of his adventures, he mentions how, on a night expedition, the men wore mantles and tunics, and slept with their shields buckled to their shoulders, and they had leathern aprons in addition. Again, when Odysseus first meets Penelope, after his return, and before he has made himself known to her, he pretends that he has met Odysseus on his travels. Penelope, to test him, asks what Odysseus was wearing, and is told that he had a mantle which was twofold and fastened with a gold brooch, with two sheaths for the pins. The brooch had a device on it of a hound holding in its paws a dappled fawn. Under the mantle a doublet or tunic was worn.

The women's dress would have been much the same as shown on the later archaic Greek statues. The undertunic was known as the chiton. This was simply a plain piece of woven material, about the height of the woman, and twice the span of her arms. The top third was folded over, and then the material, being doubled, was slipped over the shoulders and fastened with brooches. We shall deal with costume more fully in the next book.

If Homer says little about clothes, he makes up for this by giving very full descriptions of armour. Here it must be remembered that Homer was probably describing the armour of his own time. In the third book of the "Iliad" details are given of the armour worn by Paris for his fight with Menelaos. Paris put on his greaves first. These were thin sheets of bronze, hammered to the shape of the leg, but open at the back so that they could be slipped on. The elasticity of the metal held them in place. The cuirass, or corselet, was formed of of two sheets bronze fastened together at the sides.

Homer's descriptions agree very closely with the armour shown on the figure from Dodona. The original statuette is at Berlin, but there is a cast at the British Museum, from which our drawing, Fig. 17, was made. This shows the early form of Corinthian helmet, with a nasal guard and cheek pieces. The shield of Homer's time was made of bull's hide. The Dodona figure is carrying what is known

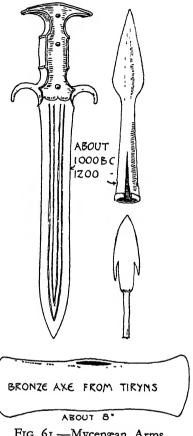


Fig. 61.-Mycenæan Arms.

as the Bœotian shield, the shape of which is thought to have been formed by stretching a hide on to a frame made with rounded cross-bars at top and bottom fixed to a central bar. The leather at the sides, not having the support of any frame, shrunk, and gave the shield its typical shape.

Fig. 61 illustrates some bronze arms from the British Museum of the Mycenæan period, that is the civilisation which was developed on the mainland of Greece after the fall of Crete. The sword is very beautiful.

FIGHTING

spearheads are very like those used in England during our own Bronze Age. This can be seen by going from the Greek and Roman Life Room at the British Museum to the Prehistoric Room and making comparisons. We read the "Iliad" and think of the life portrayed as being incredibly remote and foreign. A visit to the Museum will soon show that this is not the case. Both in the "Iliad" and "Odyssey" the arms are described as being made of bronze, and iron is referred to as if it was rare and costly. In Homer's own time it must have been in common use. It first began to be used in Greece about 1200 B.C., or 750 years before the Brythons introduced iron into Britain.

The method of fighting described in Homer is quite different from that of classical times, of which we read in the pages of Thucydides. In the fourth book of the "Iliad" (p. 26), Nestor put the charioteers in the front rank, and behind them came the infantry. The cowards were thrust into the middle. The charioteers appear to have whirled about, and the battle speedily resolved itself into a series of combats between champions. It was only by happy accident that such a method of fighting could lead to any decision; perhaps that is why the Trojan War lasted for so many years.

This had been realised by the time of Thucydides, and in the battle he describes, the opponents formed up into line and trusted to sheer weight and fighting power. The danger of this method was that the right wing of each line tended to edge away, because the shield, being carried on the left arm, left the right side exposed, and the tendency was to move to the right; so each left wing ran the danger of being outflanked.

Bowmen were used in Homeric times. In the fourth book of the "Iliad" we hear of Pandaros and his bow, made from ibex horns, 16 palms in length, cunningly

joined together. This does not mean that the bow was made by joining the two horns' ends together in bow form. Obviously a bow so formed could not have been bent, or the ibex

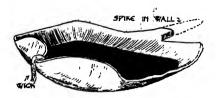


Fig. 62.—Mycenæan Bronze Lamp from Cyprus.

would not have found his horns very useful. It is thought that the Homeric bow was a composite type, of Cupid's bow form, used in a wide area of Asia from China to Turkey. It was made as Fig. 16. The core was of wood, and on this strips of horn were built up on the inside of the bow. On the outside were layers of sinew protected by a sheathing of bark or leather. When the bow was not strung, it curved out as the dotted lines on the drawing at the side. That is why Penelope refers to the back bent bow of Odysseus (p. 78). The horn was strong to resist compression, and the sinew stood tension well. This is why Odysseus left his bow at home; the damp of the sea air would have destroyed it. It explains as well the methods of the wooers when they tried to string the bow. Antinous told the goatherd to light a fire and bring a ball of lard, because he thought that the heat and the grease would soften the bow. The figure in the drawing shows how Odysseus did at last string it.

There is an interesting chapter on the Turkish bow in "Projectile Throwing Engines of the Ancients," by Sir Ralph Payne-Gallwey, Bart., from which we have gathered the following particulars: The span of the bow, when strung, was 3 ft. 2 in. The Persian, Indian, and Chinese bows of the same composite type were bigger. This composite construction of the Turkish bow meant that a pull of 118 lbs. was necessary to compress the horn inside and to stretch the sinew outside. This explains

BOWSHOTS

the difficulty the wooers found in stringing the bow of Odysseus. The arrow used was $25\frac{1}{2}$ in. long, and equalled the weight of two shillings and one sixpence. The silken bow-string was drawn back on the edge of an ivory thumb ring, and kept in this position by the pressure of the base of the forefinger, and released by opening the finger and thumb. The range was extended by the use of a thin horn groove, worn on the thumb of the left hand holding the bow. The arrow was laid in this so that it could be pulled back an inch or two behind the bow.

it could be pulled back an inch or two behind the bow.

Sir Ralph Payne-Gallwey gives some interesting details of the range of the Turkish bow. A certain Mahmoud Effendi, who was Secretary to the Turkish Ambassador in 1795, shot an arrow 480 yards, and the Turkish bow that he used is preserved by the Royal Toxophilite Society. It is reputed that famous Turkish archers of the seventeenth and eighteenth centuries shot arrows from 600 to 800 yards. Sir Ralph gives 340 yards as the longest recorded range of the English longbow, and 230 to 250 as an average of the English bowmen of mediæval days. He himself, using a Turkish bow, has shot an arrow 421 yards.

It is perhaps just as well that the Homeric Greeks seem to have preferred throwing spears at short range. Had they realised the possibilities of the bow of Pandaros, they might have conquered, not only Troy, but the whole of their world, and altered its history.

The bow of Odysseus was produced so that Penelope might make trial of the suitors, and this trial has been a constant subject for debate by Homeric scholars. Telemachus arranges the trial. First he dug a trench and then set up the twelve axes, like the oaken props used in shipbuilding, and made straight the line and stamped down the earth. The suitors cannot even string the bow, and then Odysseus takes and both strings it and shoots the arrow through the axes. This had been a favourite feat of

SHIPBUILDING

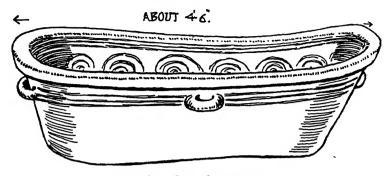


Fig. 63.—Bath from Tiryns.

his before he went to the war, and Penelope institutes the trial to find if any of the wooers was as good a man as her husband.

The question debated is, how the arrow passed through the head of the axe. In Butcher and Lang's translation of the "Odyssey" an illustration is given in the Appendix of an axe used by Egyptian shipwrights, as D, Fig. 42. It is suggested that the axe is the part of the head shown by the double line, the middle portion being open. If this were so, it would have been an extraordinary axe to use, without any weight behind the blow. We think that the double line was the edge only of a solid head, and again, if any axe could be found with openings in its head big enough to shoot an arrow through, why set up the axes like the props used in shipbuilding.

Fig. 42 shows how these props must incline together. The ship of Homeric times was probably built on a slipway in the open. The keel would have been laid down first, and then the stem and stern posts fitted. The next step was to place moulds on the keel and strut these into position. Some few of the planks were fixed to the moulds, and then the ribs were fitted and the moulds could be removed. Homer must have had some such picture as this in his mind, and if this were so, the axes could have been set as

CHARIOTS

A, Fig. 42, and the arrow shot between the space B or C. The axe-head shown in A, Fig. 42, is of the type shown in Fig. 61, which was found at Tiryns. It says in the "Odyssey" that Odysseus used to stand some way off when he shot through the axes, and if he did, it seems to us that it would have been a very considerable feat then to shoot through B, Fig. 42. To shoot through twelve holes, in twelve axe-heads, arranged as struts, or in any other fashion, would have been an utter impossibility even if one shot for half a year.

We can now discuss the chariot which was used both in war and in times of peace. Nestor placed the charioteers in the front rank of battle, and Telemachus travelled by chariot to Sparta. Perhaps the best description of it is given in the fifth book of the "Iliad." When Hera went to the assistance of the Greeks, she harnessed the horses with their golden frontlets. The chariot had eight-spoked brazen wheels, with golden felloes (rims), bronze tyres, and silver naves (hubs), with iron axle-trees. The body of the car was woven plaitwork to lessen the jolting, and had two rails about it. A silver pole stood out from the car, and the first step seems to have been to fasten the golden yoke on top at the end of the pole and put the breast straps over it. Then the horses were led under the yoke.

In the twenty-fourth book of the "Iliad" details are given of the mule chariot which carried the ransom of Hector to Achilles. In this the body of the chariot was detachable and had to be bound to the frame. The yoke had a knob and was well fitted with guiding rings. There was a yoke-band, 9 cubits long (about 13 ft.). The yoke was set up on the rest at the end of the pole, and a ring slipped over the upright pin, which was part of the pole. Three turns of the yoke band bound the upright pin on the pole to the knob on the yoke, and then it was belayed round

TRACE-HORSES

the pole; but the whole 9 cubits would not have been used in this way, and it seems to us that the remainder may have been used as a stay from the head of the pole back to the chariot. On the vase drawings there is always a line in the

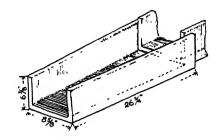


Fig. 64.—Tapered terra-cotta Drain Pipes from Tiryns.

position shown by A on Fig. 18. In the seventeenth book, yoke cushions are mentioned to keep the yoke from chafing the shoulders of the horses. Usually there were two horses to the chariot. Telemachus had a pair on his journey to Sparta, as did the charioteers in the funeral games of Patroklos, which are described in the twenty-third book of the "Iliad." By the time of the sixth-century black figure vases, four horses are generally shown, as the diagram B, Fig. 18. Here it seems as if only the inner pair of horses were yoked, and the question arises, how were the outside pair harnessed? Modern sculptors generally get over the difficulty by using traces with collars, swingle trees, and cross-bars, as C, Fig. 18; but there is no evidence for such an arrangement on the black figure vases, and it would be too heavy and clumsy to be connected to the slight frame of the chariot.

The black figure vases, when they show four-horsed chariots from the front, give details of the reins, and what seems to be a trace marked by a cross on B, Fig. 18. This appears on the side views as coming between the first and second, and the third and fourth horses, and is then attached to the front of the chariot, as at D, Fig. 18. A short strap from the top of the breast strap of the trace-horse to the end of the yoke would have prevented it from parting company with its fellows.

GAMES

Trace-horses are mentioned in the sixteenth book of the "Iliad," but, curiously enough, only single ones. Patroklos bids Automedon to yoke the horses, Xanthos and Balios, and put Pedasos in the side traces. Pedasos was killed in the battle, and fell shrieking in the dust, and the other two reared up and the yoke creaked. This seems to bear out the suggestion we have made. It should be noted that the chariot had a very wide wheel base to prevent it overturning when being driven at speed.

There are many references in the poems to games. The wooers of Penelope played draughts sitting on ox-hides. Another of their diversions was casting weights and spears. When Telemachus visited Menelaos at Sparta, he found a feast in progress in the hall, and part of the entertainment was two tumblers, who whirled to the accompaniment of a minstrel singing to the lyre.

We have already written on p. 58 of Nausicaa playing ball, and on p. 60 of how games of running, wrestling, and boxing were arranged as part of the entertainment of Odysseus by the Phæacians. Here it was that Odysseus distinguished himself by casting a great stone.

We hear of fishermen who, sitting on jutting rocks, cast their lines into the sea, using rods with bent hooks of horn or bronze, and lead weights to carry them down.

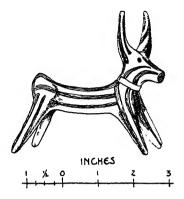
Having by now obtained an idea of the kind of life which was lived in the cities, and by cities we mean such places as Tiryns, Mycenæ, or Athens, as it was at first, we can turn to country life. This was to remain as a healthy feature of life in Greece. A man civilised himself by living in a city and rubbing shoulders with his fellows, but he continually recreated himself by farming in the country.

In the twenty-fourth book of the "Odyssey," Odysseus goes to make himself known to his father, Lærtes, at his farm, where he had built himself a house with huts for his

HOUSES

thralls round about it. This had a great garden and a terraced vineyard. Odysseus reminds his father of the trees which were his own when he was a little child; of how he had thirteen pear trees, ten apple trees, forty figs, and fifty rows of vines.

There is an excellent description in the four-teenth book of the "Odyssey" of the house the swineherd built for himself. This was built high, in a place with a wide prospect, and had a porch before it, and was set in a great courtyard fenced with white thorn set on a stone base. Outside was another fence, and inside the courtyard



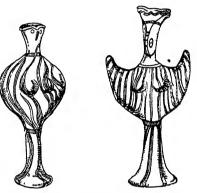


Fig. 65.—Mycenæan Figures.

and inside the courtyard were twelve sties, with fifty grovelling swine in each.

This sounds as if the swineherd's house was like the small terra-cotta model of a house found in an eighth-century B.C. burial at Argos. As this model is of very great importance, we have attempted to reconstruct it in Fig. 1. Its date, the eighth century B.C., places it between the fourteenth-century Megaron at Tiryns and the fifth-century Parthenon at Athens, and there is a more intimate connection between the three buildings than is at first apparent. The Megaron at Tiryns was once the home of living men: the Argos hut was the home of a dead man, and the

HESIOD

Parthenon the home of a god, not a church in which a congregation gathered. The three buildings all have the same central hall, with its portico, or porch, outside, and they belong to the same building tradition, and all had sloping roofs. This method of building, which was started by the Achæan builders at Tiryns, survived in the Greek Temple and can be traced under the architectural forms of the early Roman Basilican churches. It did not survive in the Roman house, but was introduced into England in all its original simplicity by the Saxons. From their time on we became dwellers in halls, like the men at Tiryns, until the Renaissance in the sixteenth century A.D., and that we find very interesting.

There is another description in the twenty-fourth book of the "Iliad" of the lofty hut which the Myrmidons built for Achilles. This was constructed of pine and thatched with rush cut in the meadows. It was set in a great palisaded court with a gateway. The door in the gate was closed with a bar so large that it took three men to draw it.

Hesiod is very useful in helping us to understand the references to agriculture in the "Iliad" and "Odyssey." His poems date from about 750 to 700 B.C., and his great work was "The Works and Days," addressed to his younger brother, Perses, a thoroughly bad lot, with a marked disinclination to spend any of his days working. The poems should be studied, not only for the interesting details of everyday life which they give, but as evidence of the beginnings of a kindly spirit. Beyond his own mental outfit, Hesiod can only have had the Homeric poems for his inspiration. If these were the Bible of the Greeks, they were singularly Old Testament in character. The gods were quarrelsome and treacherous. Hesiod would have understood the New Testament so well, and is an example of a Christian spirit eight centuries before the

GODS AND GODDESSES

birth of Christ. It was his "Theogony," together with Homer's poems, which seem to have fixed the popular idea of the gods and their life and work. First came Zeus who was the supreme god; he was the son of Cronos and Rhea, and Hera was his wife. He concerned himself with the affairs of men, and his sign is a thunderbolt. Hera was the women's goddess, and is generally drawn wearing a high decorated crown.

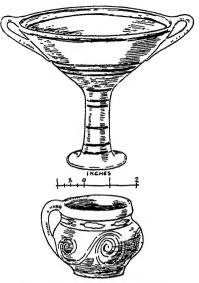


Fig. 66.—Mycenæan Pottery.

Poseidon, Hades, Hestia, and Demeter were the brothers and sisters of Zeus. Poseidon was the god of the sea. He married Amphitrite, and is shown standing with trident and tunny. Hades was the god of the dead, and married Persephone. Hestia was the goddess of the hearth. Demeter the corn spirit. Athene was born from the head of Zeus, and her birth was a favourite subject with the vase painters. She is shown wearing the ægis (see p. 30). She was the genius of the Arts. Apollo was the god of light, and is usually shown with a bow and lyre. Artemis was his feminine counterpart, and carries a bow and quiver. Hermes was the messenger of the gods and has the herald's staff. Dionysus, the god of the vine and vegetation. Aphrodite was the goddess of love, with Eros as her attendant. Hephæstos was the god of fire and smiths, and Ares of war. It was not necessary to have a priest to intercede with the gods. Anyone could pray to them, though in the house it was the head of the

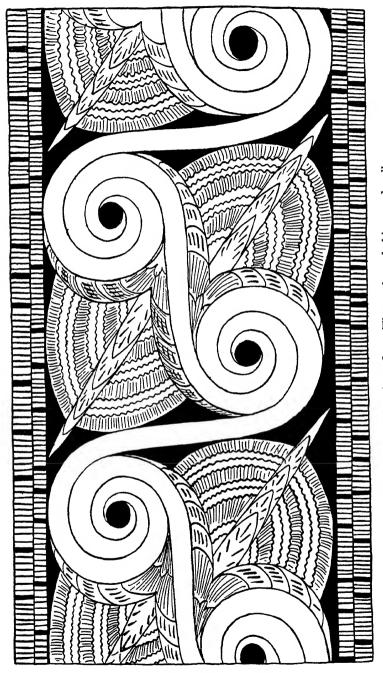


Fig. 67,-Wall Decorations from Tiryns, in red, blue, and yellow.

PLOUGHS

family who officiated at the sacrifice, and the hearth was the place where prayers were offered. The hearth was a sacred place, and the cities had their common hearths.

The Romans inherited their gods from the Greeks: Zeus became their Jupiter, and Hera, Juno; Poseidon, Neptune; Hades, Pluto; Hestia, Vesta; Demeter, Ceres; Athene, Minerva; Artemis, Diana; Hermes, Mercury; Dionysus, Bacchus; Persephone, Proserpina; Aphrodite, Venus; Hephæstos, Vulcan; and Ares, Mars.

Leaving this side of the question and returning to Hesiod's "Works and Days" for practical information, we find that when the sailor-farmer had laid up his boat for the winter, he started his ploughing in November. Perses was told that, if he wished to be successful, he must plough stripped, sow stripped, and reap stripped. One can almost hear him shudder. The ground was ploughed again in the spring, and tilled again in the summer. This, of course, applied to the land which was left fallow, and explains the reference in the fifth book of the "Odyssey" to the thrice-ploughed fallow field.

Hesiod describes two ploughs. In one the plough-tail, or handle, was in one piece with the share beam. In the other the share beam of oak, and the plough tail of ilex, and the pole of bay, or elm, were all jointed together. Homer talks of the jointed plough. The pole had an oaken peg driven through the end of it, and the yoke was attached to this by a leather strap. Mules are recommended as being better than oxen, and forty as being the ideal age for a ploughman; his food, a loaf four-square divided into eight parts. Seed was sown by a man following the plough and covered up by a boy with a mattock. The mattock is still used in Italy and Greece, and is rather like a big hoe; another type resembles a garden fork set on its handle like a hoe. A mattock to-day in England is like a pick-axe in form, only the points of

т

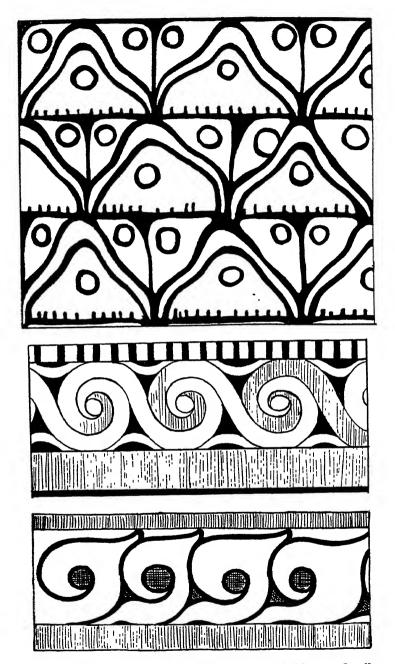


Fig. 68.—Wall Decorations from Tiryns, in red, blue, and yellow.

THRESHING

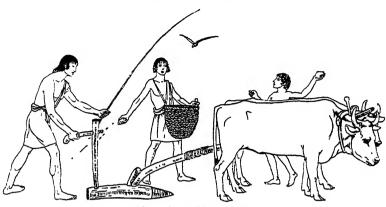


Fig. 69.—Ploughing.

the pick are chisel shaped, one on the same line as the handle and the other at right angles to it. In the eighth book of the "Odyssey" the length of the furrow that mules could plough in a fallow field, without a pause, a furlong, is used as a measurement. There is another reference in the twelfth book of the "Iliad" to men using measuring rods in a field; the rod, pole, or perch was to become a very common unit.

The harvest was gathered at the beginning of May, and the reaping done, not with a scythe but a sickle.

Corn, beans, and peas were threshed by being trodden out by oxen on a threshing floor. A windy day was selected for winnowing, and this was done by throwing up husks and grain with a broad shovel. The husks were carried to one side by the wind, while the grain fell down on to the floor.

The farm servants were to be encouraged to build their cabins during the summer. It was only after the harvest that the farmer, according to Hesiod, could allow himself any leisure, and then he suggests a picnic in the shade of rocks, with a light, well-baked cake, goats' milk, and the flesh of a heifer or kid. Biblian wine is recommended, but one cup of wine had three cups of water added to it.

TOOLS

The vines were pruned in early spring, and hay and litter for bedding gathered between the harvest and the vintage in September. The grapes were exposed to the sun for ten days, then shaded for five, then trodden in the wine press, and drawn off into vats. In the autumn timber was felled, and wooden mortars and pestles made, and axle-trees for wagons, and wooden mallets and wheels for the plough carriages. Curved pieces of ilex were sought for plough tails. The axe, the adze, and auger are the tools mentioned as given by Calypso to Odysseus for the building of his raft (p. 55). They would have been made of bronze, as were the tools used by the builders of Mycenæ and Tiryns. The axe was the great carpenter's tool right up to the sixteenth century in England. The first plane we know of was the Roman one found at our own Silchester. There is another interesting tool mentioned in the "Odyssey"—the drill which Odysseus used to bore out the eye of Polyphemus. This was turned by a strap, so the rotary movement was on the same principle as the bow-drill used as early as the Old Stone Age,² from which the pole-lathe developed, which was used in the Early Iron Age³ and which is still used on the Chiltern Hills. This may or may not be found boring by our readers, with apologies for the pun; to us it is tremendously interesting that we can walk out of our house and find a man turning a leg for a kitchen chair on the same principle as the boring of the eye out of the head of Polyphemus. Then ploughing started again in November.

It is difficult to find out how people clothed themselves in Homeric times, because there are not any illustrations. The black figure vases, to take one example, show the figures in the costume of the sixth century. Hesiod describes the winter dress of an eighth-century farmer. A frock reaching to the ground and a soft cloak over,

¹ "E.L.," III., p. 59. ² "E.L.," I., p. 77. ³ "E.L.," II., p. 99.

MARRIAGE

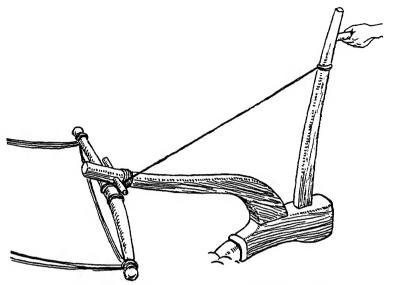


Fig. 70.—Modern Algerian Plough, resembling Homeric one.

woven with a scant warp (the longitudinal threads) and an abundant woof (the cross threads). Sandals were made of ox-hide and lined with felt. During wet weather outer cloaks were worn, made of the skins of first-born kids, stitched together with ox-sinew, and on the head a well-wrought felt hat.

Homer tells us how leather was cured. The hide of a great bull was soaked in fat, the farm people then all stood round in a circle, and taking the hide up, pulled it out as much as they could. This opened up all the pores of the skin and allowed the moisture to drip out and the fat to sink in.

Hesiod thought that the farmer should not marry before he is thirty, and gives nineteen as a good age for the wife; and he would have had to purchase her. Iphidamas, killed by Agamemnon in the Trojan War, gave 100 sheep and promised 1,000 goats and sheep for his wife. The farmer is advised not to cross rivers until he has prayed and washed his hands in its waters. When building a house,

HOLY DAYS

you must not leave it unfinished, lest the cawing crow should perch on it and croak. Then various jobs were much better done on certain days in the month. The first, fourth, and seventh days were holy days. The eleventh day was good for shearing sheep, the twelfth for reaping corn; this day, too, a woman could set up her loom. You had to avoid sowing on the thirteenth day, but you could set plants. You could thresh on the well-rounded threshing floor on the seventeenth, and this day was good as well for making furniture and ships, and so on.

You finish Hesiod with the feeling that the elder brother, if a good man, was perhaps rather a hard taskmaster. A little play might have made Perses work a little harder. A day's fishing might have done him good. Hesiod tells us that ships were not only used for war

Hesiod tells us that ships were not only used for war and expeditions, but for trade as well. The harvest was finished by the beginning of May, and then came the sailing season, when the farmer could take his corn by sea to the market; a much better way than by land, if the rough roads went over mountain ranges. The farmer had to be back by September for the vintage. Hesiod recommended that when ploughing began in November the ships should be drawn up on land, the keel-plug drawn out, and then covered up with stones to keep off the wind and rain. The rudder was taken indoors and hung up in the smoke of the fire. The ship was of so much importance to Greece that we must give it some consideration.

Men have lived on the shores of the Mediterranean from the earliest times. The Grimaldi man of the Old Stone Age, whose skeleton was found in the Grotte des Enfants,¹ may have paddled a canoe. Again, Cretan seal stones, dating from the third millennium B.C., have been found, showing ships with one mast, with fore and backstays, and well developed stem and stern posts. The hulls on the seals are rather crescent-shaped, and they had oars to assist against contrary winds. In the third book of the "Odyssey" there are references to "curved ships," and it is thought that the Homeric ship may have been crescent-shaped. It is more probable, though, that Homer used "curved" as a pleasant figure of speech, and that the ships of the Cretan seal stones were crescent-shaped because they fitted better this way into the round of the seal. For example, the seal of our own town of Dover, in 1284, took the form of rather a crescent-shaped ship 1 for this reason. In reality it must have been built on a straight keel like its forerunner, the Gokstad ship.2

If, however, we pass on to Egypt in the fifteenth century B.C., we do find another type of ship. Thothmes III. sent a naval expedition from Egypt to Phœnicia. ships probably resembled those sent by Queen Hatshepset, the widow of Thothmes II., on an expedition to Somaliland. They were illustrated by reliefs on the walls of the Temple of Dèr-el-Bahri, as Fig. 71. The canoe in the front of the picture, made of reeds bound together at the ends, and pitched within and without, is the model from which the Egyptian ship was produced. The latter could not have been very strong, because, like the canoe, it is bound together with ropes, and is prevented from breaking its back by hogging by the longitudinal cable strutted off the hull of the boat. We are told that the "Argo" was girded with a well-twisted rope (p. 2), but this was probably applied in a horizontal fashion, as it was in the ships of classical Greece, and served to hold the ribs against an outward spread.

However that may be, our interest now is the Homeric ship, and it is probable that this resembled the one shown on the late geometric style vase in the first Vase Room at the British Museum, which dates from about 800 B.C. We

¹ "E.T." ("Everyday Things"), I., p. 66. ² "E.L.," IV., Fig. 44.

BEACONS

have attempted a reconstruction of this in Fig. 73. The vase shows a forty-oared galley, rather larger than the one in which Telemachus went to Pylos, which had only twenty oarsmen. Another interesting detail is that on the bowl the captain is shown clasping the wrist of a wasp-waisted lady who holds a wreath. Penelope says in the eighteenth book of the "Odyssey": "Ah, well do I remember when he (Odysseus) set forth and left his own country, how he took me by the right hand at the wrist and spake. . . ."

Many details of the Homeric ship are given in the poems. The mast was made of pine, and it was raised and set in a hole in a cross plank and had two forestays and backstays, the ropes were made of twisted ox-hide, and there was one square sail. The oars, which were used when the winds were contrary, were fixed in leather loops. Sails were shortened by brailing. Thucydides says that the boats of the Trojan expeditions had no decks, and were like pirate ships. He probably meant no raised decks. There must have been something in the nature of a floor under the benches. The space under the rowing benches was used too; Odysseus put the gifts of the Phæacians there. (See p. 115 for details of shipbuilding.) The Homeric Greeks had a system of lighthouses or beacon fires. In the eighteenth book of the "Iliad" a simile is used of a line of beacon fires to warn the dwellers around that their help is needed.

Fig. 72 is of one of the boats that bring building sand to Rapallo, to the east of Genoa, to-day. It shows how very little simple hand-made things alter through the ages. Except that it has a leg-of-mutton instead of a square sail, it might be the ship in which Telemachus set sail for news of his father. The little sketches at the top show the amusing ways the sails can be set.

Having by this time got the plan of Tiryns fixed in our minds, we can turn to the details of the great scene in

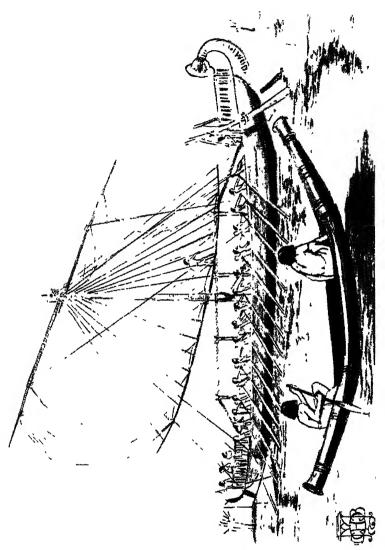


Fig. 71.—Egyptian Ship, Fifteenth Century B C.

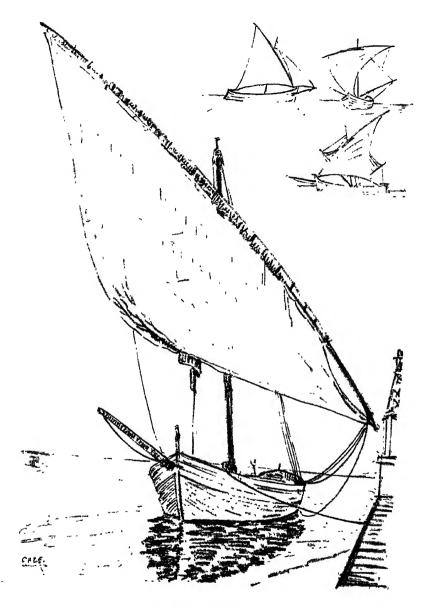


Fig. 72.—Sand Boat at Rapallo.

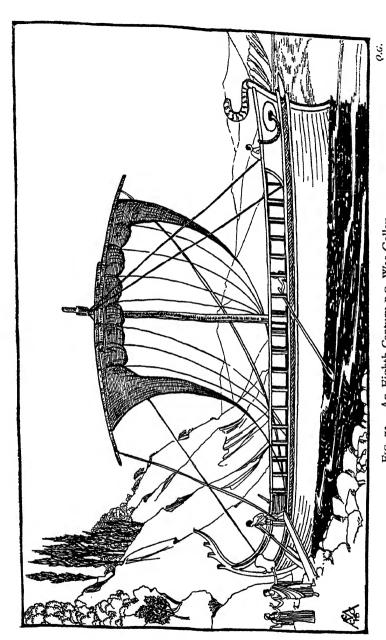


Fig. 73.—An Eighth-Century B.C. War Galley. (Reconstructed from a Drawing on a Vase in the First Vase Room at the British Museum.)

DETAILS

the "Odyssey"—the slaying of the wooers. Here, as the subject is a matter for constant debate, it will be well to state that the following ideas are our own.

It is in the twenty-first book of the Godyssey" that Odysseus shoots through the axes, and it closes with Telemachus standing by the high seat with his father beside him. At the beginning of the twenty-second book, Odysseus throws off his rags, and, leaping to the great threshold, shoots Antinous through the throat. To understand the position of the combatants, let us consult the plan on Fig. 57. Odysseus would have been standing on the great threshold of the doorway, or entrance into the hall, from the vestibule. This threshold still remains at Tiryns, and is nearly 10 ft. long by 4 ft. wide. Telemachus was by the high seat, and the suitors seated around the walls at the far end of the hall, and on the left-hand side opposite the high seat. The swineherd had been sent to warn the women to bar their doors, and the neatherd to fasten the gate of the court. On returning they probably stand near to Odysseus.

After the slaying of Antinous, the wooers seek for arms, only to find that they have all been removed, and they have only the swords they are wearing. They draw these and hold up the light three-legged tables as shields. Then Eurymachus, one of the wooers, attempts to charge in at Odysseus with his sword, but is shot by him. Amphinomus rushes at Odysseus, and close to him is killed by Telemachus who, casting his spear, smites him between the shoulders. This would have been possible, because Telemachus stands by the high seat. Now he runs to his father and does not stay to pull his spear from out of Amphinomus in case he himself is struck in the back by one of the suitors.

By this time it becomes evident that Odysseus will need more than his arrows if all the suitors are to be killed,

DETAILS

so Telemachus tells his father that he will go and get arms for themselves and the swineherd and neatherd. The question is, where was the armoury? On p. 106 we discussed the possibility of a gallery over the vestibule. Our suggestion now is that the armoury led off this gallery, and was built over one of the buildings in the outer court of the women's quarters. The "Odyssey" states that there was a certain postern above the floor, and, by the top of the great threshold, a doorway into an open passage, and there was but one approach to this. We suggest that this approach was by a ladder, as shown in Fig. 57, leading up to the gallery over the vestibule. The postern might have been the window opening at the top of the ladder or the doorway off the gallery behind.

In any case, the postern was where the wooers could see it. The ingenious and thoroughly detestable goatherd, who seems to have been an early cat-burglar, climbs up one of the columns in the hall and creeps along the roof to the armoury and secures arms, returning with them by the same way to the wooers. Odysseus is discouraged. He thinks that some of the maids are in league with the wooers, but Telemachus takes the blame to himself, and says that he is afraid he left the door of the armoury open, and that one of the wooers spied it.

The goatherd tries another visit, but is trapped by the swineherd and neatherd, who apparently run up the ladder, catch him, and leave him trussed up and suspended from a beam for judgment when they have time. Of what happened after, and the fate of the naughty maids, our readers have already heard from our translations. And now, having come to the end, may we hope that Athene will bring to our readers oblivion to our faults in telling the tale in which she played so great a part, so that we may retire into a decent obscurity and lay our plans for a renewed onslaught on the patience of our readers.

INDEX, EXPLANATION OF WORDS USED, AND A GUIDE TO THE PRONUNCIATION OF GREEK NAMES

- "E.L.," I., given as footnotes to pages 126, 128, refers to "Everyday Life in the Old Stone Age" by the same authors.
- "E.L.," II., given as references in the text, or as footnotes to pages 10, 16, 26, 40, 46, 110, and 126, refers to "Everyday Life in the New Stone, Bronze, and Early Iron Ages."
- "E.L.," III., given as footnote to page 126, refers to "Everyday Life in Roman Britain."
- "E.L.," IV., given as references in the text, or as footnotes to pages 15, 21, 52, 86, 89, 100, and 129, refers to "Anglo-Saxon, Viking, and Norman Times."
- "E.T.," I., given as footnote to page 129, refers to "Everyday Things in England,"
 Part I.

Vowels are as in English except that the E is always pronounced, as in Euripides which rhymes with "insipid ease." Long vowels are marked and pronounced as Fāte, Mē, Pīne, and Nōte. Short vowels are marked and pronounced as Fāt, Mět, Pǐn, and Nōt. \times and \times = "ee" in free. When marked thus "oé" as two syllables. EU as in Feud. C as in Cane. Ch as k.

Accent the last syllable but one if it is long as Agamémnon.

Accent the one before if the last syllable but one is short, Thucýdides.

Note.—The figures in heavier type refer to those pages on which illustrations may be found.

Α

Achæans, 14, 34, 50
Achillēs, hero of the "Iliad," 4, 19, 20, 28, 34, 38, 40, 42, 68
Acropolis, 94
Adze, 55
Ææan isle, 65
Aeŏlus, keeper of the winds, 65
Æētēs, father of Medea, 8
Ægis (worn by Athene), 30
Aegisthus, lover of Clytemnestra, 47,51,52
Agămemnōn, Greek king, 19, 40, 52, 89
Aias (Roman Ajax), 33, 46
Aineias, Aphrodite's son, 28
Alcinŏus, King of Phæacians, 56
Alexandros (Paris), 21
Altar, 100, 106

Amphinomus, a wooer, 80 Amphitrite, Poseidon's wife, 121 Amycus, King of the Bebrycians, 5 Andromache, Hector's wife, 32, 43, 48 Antæ, 98 Antinous, one of Penelope's wooers, 50, 73, 78, 80 Aphrodite, goddess of love, 28, 121 Apollo, god of light, 25, 32, 121 Apollonius Rhodius, author of "Argonautica," Apron, 26 Arcadia, 22 Ărēs, god of war, 6, 28, 31, 121 Arete, wife of Alcinous, 59 "Argo," the ship, 1, 2, 129 Argonauts, 1 Argos, Odysseus's dog, 72, 98

Argos hat, 119 Argos, the city, 22, 28 Argus, builder of the "Argo," 2 Ārĭadnē, daughter of Minos, 14 Armour, 23, 27, 39, 74, 80, 110, 111 Armoury, 135 Arnæus, a beggar, 73 Arrows, 114 Artěmis, goddess, 41, 121 Asklepios, 26 Asphodel, 67 Assyria, 12 Astyanax, Hector's son, 48 Athene, genius of the Arts, 2, 8, 32, 43, 70, 82, 121 Athens, 22 Auger, 55 Axe, 55, 76, 116

В

Barley, 36, 51 Barrows, 34, 45, 47 Bars, 79, 90, 98 Bath, 38, 52, 100, 106, 115 Beacons, 130 Bebrycians, 5 Bedsteads, 54, 106 Beowulf, 15, 21, 100 Belts, 26 Binding, 40 Bithynian land, 6 Bits, 26 Blankets, 54 Boar hunt, 83 Boatbuilding, 77, 115 Bows, 25, 78, 112 Boxing, 5, 7, 60, 73 Bread, 53, 123 Breast-straps, 30 Briseis, Achille's handmaiden, 19, 36

C

Calypso, a nymph, 49, 54, 68
Camps, 34
Carding, 108
Carpenter's tools, 126
Cassandra, 47
Casting lots, 33
Cattle, 98
Cauldrons, 36, 38, 46
Centaurs, half horses, half men, 2
Cephallenians, 22
Chair, 76
Chailybes, ironworkers, 6
Chariots, 26, 29, 43, 52, 98, 112, 116
Chärybdis, 67
Cheek-pieces, 26

Cheese, 36 Chests, 37, 51, 106 Chryseis, daughter of Chryses, 19, 20 Chryses, a priest, 19 Cianian land, 5 Circe, 65 Clothes, 74, 84, 108, 110, 126 Clytemnestra, Agamemnon's wife, 47 Cnossos, 13, 15, 17, 86, 88, 96, 99 Colchis, home of the Golden Fleece, 2, 5, 7 Colonnades, 98 Columns, 14, 89, 102 Corinth, 22 Corslet, 23, 26, 111 Cremation, 44 Cronos, father of Zeus, 28, 121 Cuirass, 40, 111 Cyclopes, 50, 62

D

Dancing, 5, 40, 60, 61, 74 Decorations, wall, 102, 122, 124 Demētēr, the corn spirit, 8, 121 Demodocus, the minstrel, 61 Diŏmēdēs, 28, 30 Diŏnÿsus, god of the vine, 121 Distaff, 109 Distyle in antis, 98 Doctors, 26 Dodona figure, 27 Dogs, 44 Doors, 79, 90 Dorians, 86, 104 Dorpfeld, 94 Drain pipes, 106, 117 Draughts, **85**, 118 Drill, 126 Drink, 36

 \mathbf{E}

Egypt, 12
Elpēnor, companion of Odysseus, 104
Epinetron (spinning instrument), 71
Erōs, Aphrodite's attendant, 8, 121
Eumæus, the swineherd, 70, 79
Eurīpidēs, playwright, 48
Euryclēa, Odysseus's old nurse, 76, 82
Eurylöchus, companion of Odysseus, 65
Evans (Sir Arthur), 14, 16, 88, 106

F

Fallow field, 123 Farming, 118 Felloe (rim of wheel), 30

Fighting, 26, 112
Figures, Mycenæan, 119
Fireplace, 100
Fishing, 118
Food, 53, 106
Fountains, 59
Froissart, 33
Fruit trees, 59, 119
Funeral games, 46
Funerals, 44, 47
Furlong, 125

G

Gallery, 54
Games, 46, 59, 60, 118
Gate, the Lion, 88, 89, 90, 91, 98
Geese, 98
Gods and goddesses (Greek), 121
Gods and goddesses (Roman), 123
Gold, 10, 39, 46, 51
Golden Fleece, 2, 10
Gorgon (Medusa), 31
Grave Circle, 87
Greaves, 23, 40, 110

Н

Hades, god of the dead, 44, 66, 121 Hall, 99, 101 Halteres (jumping weights), 45 Harpies, 6 Hats, 127 Harvest, 125, 128 Haymaking, 126 Hector, son of Priam, 22, 32, 42 Hěcuba, Hector's mother, 48 Helen, wife of Menelaos, 19, 21, 22, 53 Helios, god of the sun, 68 Helmet, 23, 30, 40, 111 Hephaistos, god of smiths, 21, 39, 121 Hēra, wife of Zeus, 8, 20, 28, 121 Heracles, the great hero, called Hercules by the Romans, 2, 3, 5 Hermes, messenger of the gods, 41, 49, 66 Herŏdotus, 1 Hēsĭŏd, Greek poet, 120 Hestia, goddess of the hearth, 121 Hides, 34 Holy days, 128 Homer, 1, 21, 86, 96 Honey, 44 Horses, 5: House of Odysseus, 72 House of the swineherd, 1, 119 Hrothgar, 100 Huts, 118, 120, 125, 127 Hylās, an Argonaut, 5

T

Ichor, the blood of gods, 28 Idmôn, an Argonaut, 6
"Iliad," 19, 21, 32
Ilios (Troy), 19
Iron, 34, 46, 74, 112
Island of Odysseus's ship, 69
Ismarus, 62
Ithaca, 22, 50, 54, 65, 68, 96

1

Jāson, leader of the Argonauts, 2, 8 Jumping, 45

K

Key, 78

L

Lāertēs, father of Odysseus, 50, 84
Lamos, land of giants, 65
Lamp, 113
Lăpitha, mythical people who fought the Centaurs, 2
Lard, 78
Leather-curing, 127
Lemnos, island in Ægæn Sea, 34
Lētō, mother of Apollo and Artemis, 41
Lock, 79, 106
Loom, 75, 109
Lotus-eaters, 62

M

Măchāon, son of Asklepios, 26 Maids, 59, 82 Map of Greece, 11 Mariandyni, 6 Marriage, 127 Mattock, 123 Mēdēa, daughter of Æetes, 8 Mědůsa, Gorgon killed by Perseus, 30, 31 Megaron (Hall), 99, 101, 119 Mělanthius, the goatherd, 72, 78, 81 Melos, 48 Měnělaos, brother of Agamemnon, 21, 50, Mentor, friend of Odysseus, 52 Millstones, 59 Miners, 6, 10 Minoans, 12 Mīnōs, King of Crete, 14 Minotaur, 12

Minstrel, 60, 72, 118
Mooring-stones, 37
Mules, 34, 123
Murray (Prof. Gilbert), 48
Mycenæ, Agamemnon's home, 2, 16, 52, 87, 89

N

Nausicăa, daughter of Alcinous, 56 Nave (hub of wheel), 30 Neriton, 22 Nestor, King of Pylos, 26, 36, 50, 52 Nestor's cup, 18, 36 Normans, 16 Norsemen, 12, 15

0

Ödysseus, hero of the "Odyssey," 20, 36, 40, 49, 55, 61, 65, 76, 80, 134
"Odyssey," 49
Oil, 44, 51
Olives, 39
Olympus, home of the gods, 20, 28, 30, 41
Örestes, Agamemnon's son, 52
Orpheus, 2
Othere, 52
Oxen, 34

p

Painting, 102 Pandăros, a Trojan, 25 Paris (Alexandros), son of the King of Troy, 19, 21, 22 Parthenon, 94, 119 Patroklos, friend of Achilles, 36, 38, 44 Pausăniās, a writer, 102 Pear trees, 59 Pediment, 104 Peisistratus, companion of Telemachus, 52 Pēleus, King of the Myrmidons, 20 Pělĭas, King of Iolcus, 2 Pēnělŏpē, wife of Odysseus, 48, 73, 82, 100 Penshurst, 100 Pěriclės, Greek hero, 32 Persephone, wife of Hades, 66, 121 Persia, 12 Phæacians, 56 Phasis River, 7 Philœtius, the neatherd, 79 Phineus, 6 Phœbus Apollo, god of light, 19 Pivots, 92 Plane, 126 Ploughing, 123, 128 Ploughs, 123, 125 Pole-lathe, 126

Pŏlÿdămās, a Trojan, 42 Polydeuces, an Argonaut, 5 Pŏlyphēmus, son of Poseidon, 2, 5, 50, 63 Pomegranates, 59 Pork, 70 Poseidon, god of the sea, 37, 50, 52, 69, Postern, 81 Pottery, 121 Priam, King of Troy, 22, 46 Priests, 121 Prometheus, 7, 9 Propylon (gateway), 98 Protesilaos, Greek warrior, 37 Proteus, thrall of Poseidon, 54 Puddings, 73 Pylians, 26 Pylos, 51 Pyres, 34, 44 Pyrrhus, Achilles's son, 48

R

Raft, 54, 57 Rhěa, mother of all the gods, 5, 121 Rhodius Apollonius, 1 Rods (measuring), 125 Roofs, 102, 104

S

Sacrifice, 3, 4, 20, 23, 44, 60 Sandals, 127 Satyr, 49 Schliemann, 16, 88, 96, 100 Sculpture, 89 Scylla, 67 Seaton (R. C.), 10 Seats, 59 Shields, 33, 40, 111 Ships, 3, 4, 20, 34, 37, 52, 55, 128, 131, 132, 133 Shroud, 50, 76 Sickles, 40, 125 Sirens, 67 Sīsyphus, 67 Slaves, 34 Smelting, 39 Sowing, 123 Sparta, 22, 51, 52 Spears, 23, 40 Spear-stands, 106 Spinning, 73, 108 Spirals, 92 Sponges, 108 Swineherd's home, 70, 119 Swords, 23, 40, 111

T

Tables, 37, 134 Tantălus, 67 Tēlēmāchus, Odysseus's son, 50, 52, 70, "Theogony" (Hesiod), 121 Thēseus, 14 Thetis, mother of Achilles, 20, 34, 38 Threshing, 125 Thucydides, 112, 130 Timber framing, 102 Tiryns, 16, 22, 88, 95, 97, 99, 103, 105, 107 "Tom Brown's Schooldays," 47 Tomb of Agamemnon, 88, 92, 93 Torches, 106 Trace horses, 119 Treasure chamber, 78 Trial of the axes, 76, 78, 80, 114 Tripods, 36, 46 Trojan horse, 53 Trojan War, 86, 104 "Trojan Women," 48, 61 Trojans, 22 Troy, 16, 19, 21, 42, 52, 86 Tumblers, 118 Tychios, worker in hide, 33

U

Um, 45, 47

V

Vaphio cups, 14, 18 Vault, 94, 99 Vestibule, 78 Vintage, 40, 126, 128

W

Wagon, 56
Walls, Cyclopean, 89, 102
Warriors, 23, 41
Washing, 56, 108
Weaving, 50, 109
Winds, 65
Wine, 34, 36, 51, 125
Winnowing, 125
Wooers, 50, 81, 134
"Works and Days" (Hesiod), 120
Wrestling, 43, 46

 \mathbf{x}

Xanthos, a river god, 41, 42 Xěnophon, 1

Y

Yoke, 30, 116

 \mathbf{Z}

Zeus, father of the gods, 20, 121

A Selected List of BATSFORD BOOKS

relating to

ARCHITECTURE: DECORATIVE AND FINE ART: INTERIOR DECORATION: GARDENS SOCIAL HISTORY: CRAFTS: APPLIED SCIENCE: ENGINEERING, ETC.



Messrs. Batsford have specialised for nearly a century in the publication and sale of finely illustrated books on the above and kindred subjects, and their publications bear an established reputation for quality in authorship, production and lavish illustration. An illustrated prospectus of most works will be sent postafree on request, or the books may be inspected at all leading booksellers in London and the provinces



B. T. BATSFORD Ltd. PUBLISHERS

94 HIGH HOLBORN - LONDON

BRIEF NOTE OF CONTENTS

							rage
HISTORIC ARCHITECTURE	-	-	-	-	-	-	1-5
Histories of Architecture Classic Architecture -	-	-	-	-	-	-	1
THE ORDERS	_	-	_	-	-	-	I-3
RENAISSANCE ARCHITECTURF	-	-	-	-	-	_	2,3
Mediaeval Architecture	-	-	-	-	-	-	4
CHURCHES AND CHURCH CR	AFTS	3 -	-	-	-	-	5, 6
GARDENS	-	-	-	-	-	-	6
PERIOD DECORATION AND	FURN	IITUE	RE	-	-	-	7, 9
OLD CRAFTSMANSHIP -	-	-	-	-	-	-	9, 10
FINE AND DECORATIVE ART	ľ		-	-	-	-	11, 12
POPULAR ART	-	-	-	-	-	-	13
HISTORIC ORNAMENT -	-	-	-	-	-	-	14, 15
DECORATIVE DESIGN -	-	-	-	-	-	-	15, 16
COSTUME	-	-	-	-	-	-	16
NEEDLEWORK, EMBROIDERY	, TE	XTIL	ES	-	-	-	17
POPULAR SOCIAL HISTORY	-	-	-	-	-	-	18-20
COUNTRYSIDE AND TOURING	G	-	-	-	-	-	20, 21
DRAWING AND DESIGN -	-	-	-	-	-	-	22
ART ANATOMY	-	-	-	-	-	-	23
LETTERING	-	-	-	-	-	-	23
ARTS AND CRAFTS -	-	-	-	-	-	-	24
MODERN ARCHITECTURE AN	D D	ECOF	OTAS	NC	-	-	25, 26
CABINET-WORK AND JOINER	Υ	-	-	-		-	26, 27
PRACTICAL CRAFTS	-	-	-	-	-	-	27
ARCHITECTURAL PRACTICE	-	-	-	-	-	-	28
ARCHITECTURAL DRAWING	-	-	-	-	-	-	28
BUILDING CONSTRUCTION	_	_	_	_	-	_	20

A Full Index of the Books contained in this list arranged alphabetically under the names of Authors is given on page 30.

Made and printed in Great Britain by the Stankope Press, Ltd., Rochester

A HISTORY OF ARCHITECTURE ON THE COMPARA-TIVE METHOD

For the Student, Craftsman, and Amateur. By Sir Banister Fletcher, F.R.I.B.A. Seventh Edition, completely re-written. Containing nearly 1000 pages, with about 3500 Illustrations (1560 recently added and nearly 2000 reproduced larger for this Edition), from Photographs of Buildings of all Countries and Times. Thick medium 8vo, cloth gilt. £2 2s. net.

"In its accuracy, scope, and range of knowledge, the work is unique"—Tie Morning Post
"The history of civilization is here set down in its most direct and easily assimilated form."
—The Evening Standard

A SHORT CRITICAL HISTORY OF ARCHITECTURE

By H. HEATHCOTE STATHAM, F.R.I.B.A. Second Edition, revised and enlarged by G. Maxwell Aylwin, F.R.I.B.A. Containing 600 pages and 750 Illustrations from Photographs, Drawings, Plans, Prints, etc., with Chronological Charts and Glossary. Demy 8vo, cloth, gilt. 16s. net.

Also supplied in 3 parts, cloth, gilt. 6s. net each.

1. ARCHITECTURE OF ANTIQUITY AND THE CLASSIC AGES. n. BYZANTINE, ROMANESQUE AND SARACENIC STYLES.
III. THE MIDDLE AGES AND THE RENAISSANCE TO MODERN

Each part contains about 200 pages, with 250 full-page and smaller Illustrations, and is complete with Prefaces, Charts, Glossary and Indexes.

"Within the limits of its size and price it is the most valuable handbook that has appeared in English for those who wish to understand the architecture of the past."—The Architect.

A HISTORY OF ARCHITECTURE

By Fiske Kimball, Assistant Professor of Architecture, University of Michigan; and G. H. Edgell. With 317 Illustrations, chiefly from Photographs, and Plans, Sketches, Drawings of Ornament. 8vo, art linen.

"As a concise handbook of architectural forms from prehistoric to modern times it would be difficult to imagine a clearer and more easily read production"—The Glasgow Herald.

THE STORY OF ARCHITECTURE

From the Earliest Ages to the Present Day. By P. Leslie Waterhouse, F.R.I.B.A. With Illustrations of the great buildings of all time from Photographs and Drawings, and many Diagrams in the Text. Small 8vo, boards, lettered. 6s. net.

ELEMENTS OF FORM AND DESIGN CLASSIC IN ARCHITECTURE

Shown in Exterior and Interior Motives collated from Fine Buildings of all Time. By ARTHUR STRATTON, F.S.A., F.R.I.B.A. Presenting in 80 full-page Plates about 600 motives of Façades, Loggias, Halls, Staurcases, etc. Including a Series of 16 Plates of Classic and Renaissance Compositions and Designs. With Introduction, Analytical Account to each Section. Descriptive Notes, and Foreword by Prof. A. E. RICHARDSON, F.S.A., F.R.I.B.A. 4to, cloth, gilt. 28s. net.

THE ORDERS OF ARCHITECTURE: GREEK, ROMAN, AND ITALIAN

By R. PHENE SPIERS, F.S.A., F.R.I.B.A. A collection of typical Examples selected from Normand's "Parallels" and other Authorities, with Notes on Origin and Development of the Orders, and descriptions of the plates, Revised Bibliography, etc. Fifth Edition, revised and enlarged, contain-Large 4to, half-cloth. 12s. 6d. net. ing 27 full-page Plates.

"An indispensable possession to all students of architecture."—The Architect.

BATS FOR D'S

"HISTORICAL ARCHITECTURE LIBRARY" of Standard Textbooks on Classic and Renaissance Architecture.

I & II. ANDERSON AND SPIERS' "ARCHITECTURE OF GREECE AND ROME"

Now reissued in two volumes, obtainable separately, revised and much enlarged. Large 8vo, cloth, gilt. 21s. net each volume, or £2 the two.

I. THE ARCHITECTURE OF ANCIENT GREECE. Re-written, Remodelled and much enlarged by WILLIAM BELL DINSMOOR, Professor of Architecture at Columbia University, New York, and the American Academy at Athens. With over 200 Illustrations in collotype, half-tone and line.

"The book is an excellent one, well written and well illustrated and a credit to all concerned in its production."—Daily Mail.

II. THE ARCHITECTURE OF ANCIENT ROME. Revised and Rewritten by Thomas Ashby, Late Director of the British School at Rome. With about 200 Illustrations in half-tone and line.

"Dr. Ashby's new edition of this well-known work is an honour to British scholarship and archæology. The format of the book and the admirable illustrations, most of them new, do equal credit to the publisher. The revision has been thorough and complete, and the book is now double its original size."—Daily Mail.

III. THE ARCHITECTURE OF THE RENAISSANCE IN ITALY

By WILLIAM J. ANDERSON, A.R.I.B.A. Revised and Enlarged, with an additional Chapter on Baroque and Later work, by ARTHUR STRATTON, F.S.A., F.R.I.B.A. With 80 Plates, including 16 in collotype, and 120 Illustrations in the Text. Large 8vo, cloth, gilt. 21s net.

IV & V. THE ARCHITECTURE OF THE RENAISSANCE IN FRANCE

By W. H. WARD, M.A, F.R.I.B.A. Revised and Enlarged by Sir John W. Simpson, K.B.E., P.P.R.I.B.A. In two volumes, obtainable separately. Large 8vo, cloth, gilt. 21s. net, each volume., or £2 for the two.

IV. THE EARLY RENAISSANCE (1495-1640). With 259 Illustrations.

V. THE LATER RENAISSANCE (1640-1830). With 214 Illustrations.

"It is almost impossible to speak too highly of this remarkable book. The field covered is vast, the amount of detail extraordmary, yet the account of the leading tendencies is maintained clearly and continuously. Ward's fine volumes are in every way worthy of their great subject."—Professor W. S. Purchon, in *The Western Mad.*

In Preparation

BYZANTINE ARCHITECTURE AND DECORATION.

THE ELEMENTS OF CLASSIC ARCHITECTURE AND EXAMPLES OF THE FIVE ORDERS

Containing 70 Plates, from Drawings by G. Gromorr, illustrating the Orders, with details of Capitals, Mouldings, Plans and Elevations of Classic and Renaissance Buildings in Greece, Rome and elsewhere. Titles, etc., in French. Imperial 4to, in portfolio, two volumes. Each 25s. net.

EXAMPLES OF CLASSIC ORNAMENT FROM GREECE AND ROME

From the Originals by Lewis Vulliamy. Containing 20 Plates illustrating many fine examples, with Descriptive Notes by R. Phené Spiers. Folio, in strong portfolio. 12s. 6d. net.

CLASSIC ARCHITECTURE

A Series of Ten Plates (size 20 in. by 15 in.), illustrating typical examples of the Greek and Roman Orders, with full details and a selection of Classic Omament. By Charles F. Mitchell and George A. Mitchell, F.R.I.B.A. With Descriptive Letterpress.

Large folio, in portfolio, ros. 6d. net. The Set of 10 Plates, without text or portfolio. 8s. net.

"It would be hard to find a series to equal this, or one that by its clearness and interest has done more to help those preparing for examinations."—Building

THE ACROPOLIS OF ATHENS

By M. SCHEDE. An historical account of its Buildings and their Sculptures, etc. Illustrated by 104 Photographic Plates and a Coloured Frontispiece. Large 8vo., cloth. 12s. 6d. net.

MURAL DECORATIONS OF POMPEI

By Pierre Gusman. A series of 32 full-page Plates, finely printed in Colour in facsimile of the Author's water-colours. Comprising about 50 examples of the finest and most typical Pompeian colour-work. 4to, in portfolio. £2 10s. net.

FRENCH PROVINCIAL ARCHITECTURE

As shown in various examples of Town and Country Houses, Shops and Public Places. By Philip Lippincott Goodwin and Henry Oothovt Miliken. 60 Plates, reproduced from specially prepared Photographs and Measured Drawings, from the earliest Norman type to 1820, printed in Collotype. With Introductory and Descriptive Text. Small folio, half-bound. £3 38. net.

VERSAILLES: THE PALACE, GARDENS, TRIANONS, MUSEUM, AND TOWN

By André Péraré. Translated from the French. With 64 full-page Photographic Plates of Exterior and Interior Views, Gardens, Fountains, Statuary, Temples, Pictures, etc. Square 8vo, paper covers. 6s. net.

YPRES: THE HOLY GROUND OF BRITISH ARMS

By Lieut-Col. Beckles Willson. A short, interesting Sketch of the History of Ypres, with a vivid account of the five years' fighting in the Ypres Salient. Illustrated by numerous Photographs, Maps and old Views. 8vo, art paper wrappers. 3s. net.

THE GROWTH OF THE ENGLISH HOUSE

A short History of its Design and Development from 1100 to 1800 A.D. By J. Alfred Gotch, F.S.A., PP.R.I.B.A. Containing 300 pages, with over 150 Illustrations from Photographs, and many pictures in the text from Measured Drawings, Sketches, Plans, and Old Prints. Second Edition, revised and enlarged. Large crown 8vo, cloth, gilt. 12s. 6d. net.

"Putting aside all extravagance of praise, the volume may be recommended to the architect for its accuracy, to the layman for its attractiveness, and to both for the wisdom and catholicity of taste shown throughout by its author."—Spectator.

THE SMALLER ENGLISH HOUSE FROM THE RESTORATION TO THE VICTORIAN ERA, 1660-1840

By A. E. RICHARDSON, F.S.A., F.R.I.B.A., and HAROLD DONALDSON EBERLEIN, B.A. Treating of the Characteristics and Periods of Style; the Evolution of Plan; Materials and Craftsmanship: Roofing, Windows, Ironwork, Fireplaces, Staircases, Wall Treatment, Ceilings. With over 200 Illustrations, many full page, from Photographs and Drawings. Demy 4to, cloth, gilt. 25s. net.

NEW EDITION REVISED AND ENLARGED NOW READY OF THIS GREAT STANDARD WORK

DOMESTIC ARCHITECTURE OF ENGLAND THE DURING THE TUDOR PERIOD

Illustrated in a Series of Photographs and Measured Drawings of Country Houses, Manor Houses and Other Buildings. By Thomas Garner and ARTHUR STRATTON, F.R.I.B.A. Second Edition, Revised and Enlarged, comprising 210 Plates, mostly full page, finely reproduced in collotype, and 250 pages of Historical and Descriptive Text, including 462 illustrations of Additional Views, Plans, Details, etc., from photographs and drawings. making a total of over 800 Illustrations in all. In two volumes, small folio, buckram, gilt. 9 guineas net the set The volumes cannot be obtained separately.)

"Already the publisher has paid his tribute to architecture in many costly forms, but he has never been more generous than in 'The Domestic Architecture of England during the Tudor Period' In Tudor we have what might be called the true vernacular architecture. As such, the interest is not confined to architects, and, as almost every one of the buildings has a history, the plates can be enjoyed by all educated Englishmen. Without exaggeration it can be called a national work, and on that account deserves the fullest appreciation"—The Architect.

THE STORY OF ARCHITECTURE IN ENGLAND

By WALTER H. GODFREY, F.S.A., F.R.I.B.A. A popular illustrated account, in which the aims and methods of Architectural Design are simply explained. and linked up with the social life of the time. In Two Parts: I. Early and Medieval, to 1500, chiefly Churches; II. Renaissance, 1500-1800, chiefly Houses. Demy 8vo, cloth. 6s. 6d. net per part.

Part I now ready PRE-REFORMATION, THE PERIOD OF CHURCH BUILDING Illustrated by 133 full-page and smaller Photographs and Drawings. Large crown 8vo. cloth. 6s. 6d. net.

The Second Series, RENAISSANCE, THE PERIOD OF HOUSE BUILDING, comprising the Tudor, Stuart, and Georgian Periods to the 19th Century, will appear shortly.

THE COTTAGES OF ENGLAND

A Regional Survey from the XVIth to the XVIIth Century, by BASIL OLIVER, F.R.I.B.A. The local types of every county are thoroughly represented on 100 Plates of photographic illustrations, and the book forms the most thorough collection yet made of these fine survivals of old English life. With a frontispiece in colour. Large 8vo, cloth, gilt, with decorative coloured wrapper. 21s, net.

A NEW AND IMPORTANT SERIES OF SCHOOL WALL CHARTS In Two Series: No. I now ready, 13 large lithographed Plates, 30 in. by 20 in. Price complete, 13s. net on stout paper; or 32s. net mounted, on linen, with bound Single diagrams, 1s. 4d. net each; or mounted, 2s 10d. net each. Introductory Handbook, 1s. 6d. net, stiff paper covers; 2s. 6d. net, cloth, lettered.

THE STYLES OF ENGLISH ARCHITECTURE

A Series of Comparative Wall or Lecture Diagrams. For Schools, Teachers, Students, etc. By Arthur Stratton, F.S.A., F.R.I.B.A. Series I.: The MIDDLE Ages (Saxon Times to the Start of the Tudor Period). Consisting of 13 large double crown Plates, 20 in. by 30 in. clearly lithographed from the Author's specially prepared Drawings.

The 32 pp. Introductory Handbook contains reduced reproductions of all the Plates with all their sources noted, and an outline account of each style with numerous further Line Illustrations in the Text.

The Second Series will be issued shortly dealing with the RENAISSANCE UP to 1800.

ENGLISH GOTHIC CHURCHES:

THE STORY OF THEIR ARCHITECTURE. By CHARLES W. BUDDEN, M.A. A simple, informative account of the Planning, Design, and Details of Parish Churches, Cathedrals, etc., 1066-1500, including Chapters on Local Building, Towers, Spires, Ornament, etc. Illustrated by 53 Plans and Line Diagrams, and 40 Photographic Plates of 80 Views and Details, including a County List of the chief Churches worth seeing. Crown 8vo, cloth. 7s. 6d. net.

"A book full of fresh interest and new observation. The whole makes a new sort of guide-book and textbook combined, written in a way to interest every intelligent traveller. The book, too, is well illustrated, and yet is of a size to carry in one's overcoat pocket."—Professor Reilly in *The Manchester Guardsan*.

THE CATHEDRAL CHURCHES OF ENGLAND

By Helen Marshall Pratt of New York. A handbook of the 32 English Cathedrals, with Notes on Cathedral Establishments, Ecclesiastical Offices, Characteristic Styles, Stained Glass, etc. Containing 580 pages, 112 beautiful half-tone Illustrations, with Itinerary, Glossary, Bibliography, and Index. 8vo, cloth, gilt, lettered. 20s. net.

THE "COUNTY CHURCH" SERIES

Edited by the Rev. J. C. Cox, LL.D., F.S.A. Twelve volumes, each con taining numerous Plates from Photographs, and Illustrations from Drawings in the text. Small 8vo, cloth, gilt. 3s. net per volume.

CAMBRIDGESHIRE AND THE ISLE OF ELY. By C. H. EVELTN-

WHITE, F.S.A.

CORNWALL. By J. C. Cox, LL.D., F S.A.
CUMBERLAND AND WESTMORLAND. By J. C. Cox, LL.D., F.S.A.

ISLE OF WHITE. By J. C. Cox, LL.D., F.S A.

ISLE OF WHITE. By J. C. COX, LL.D., F.S A.
KENT (2 Vols. sold separately). By F. Grayling.
NORFOLK (2 Vols.). Second Edition, revised and extended. By J.
C. Cox, LL.D., F.S.A. (Now out of print)
NOTTINGHAMSHIRE. By J. C. Cox, LL.D., F.S.A.
SURREY. By J. E. Morris, B.A.
SUFFOLK (2 Vols. sold separately). By T. H. BRYANT.

EARLY CHURCH ART IN NORTHERN EUROPE

With special Reference to Timber Construction and Decoration. By Josef Strzygowski, Author of "Origin of Christian Church Art," etc. Dealing with Pre-Romanesque Art of the Croatians; Wooden Archi-TECTURE IN EASTERN EUROPE; HALF-TIMBER CHURCHES IN WESTERN EUROPE: THE MAST CHURCHES OF NORWAY; ROYAL TOMBS IN SCANDINAVIA. With 190 Illustrations. Royal 8vo, cloth, gilt. 25s. net.

ENGLISH CHURCH MONUMENTS, A.D. 1150-1550

By F. H. CROSSLEY, F.S.A. A survey of the work of the old English craftsmen in stone, marble, and alabaster. Containing over 250 pages, with upwards of 350 Illustrations, from special Photographs and Drawings. Crown 4to, cloth, gilt. £2 net.

ENGLISH MURAL MONUMENTS AND TOMBSTONES

A Collection of Eighty-four Full-page Photographic Plates of Wall Tablets, Table Tombs, and Headstones of the Seventeenth and Eighteenth Centuries, specially selected by Herbert Batsford, for the use of Craftsmen. With an Introduction by W. H. Godfrey, F.S.A. Crown 4to, cloth, gilt. 158. net.

OLD CROSSES AND LYCHGATES

A Study of their Design and Craftsmanship. By AYMER VALLANCE, M.A., F.S.A. With over 200 fine Illustrations from specially taken Photographs, Old Prints, and Drawings. Crown 4to, art linen. 18s. net.

ENGLISH CHURCH WOODWORK AND FURNITURES

A Study in Craftsmanship from A.D. 1250-1550. By F. E. HOWARD and F. H. Crossley, F.S.A. Illustrating, in over 480 examples from Photographs, the Development of Screens, Stalls, Benches, Font-Covers, Roofs, Doors, Porches, etc., with details of the Carved and Painted Decoration, etc., etc. Second Edition, revised, with a new series of 16 Collotype Plates. Crown 4to, cloth, gilt. 35s. net.

"As a treasury of examples, a large proportion of them almost unknown, and as a compendium of information and research, it is a possession of special interest and value ..."

The Times Literary Supplement

ENGLISH CHURCH FITTINGS, FURNITURE AND ACCESSORIES

By the Rev. J. C. Cox, LL.D., F.S.A. A Popular Survey, treating of Churchyards, Bells, Fonts and Covers, Pulpits, Lecterns, Screens, Chained Books, Stained Glass, Organs, Plate and other features of interest. With upwards of 250 Illustrations from Photographs and Drawings. 8vo, cloth, gilt. 218. net.

THE ART AND CRAFT OF GARDEN MAKING

By Thomas H. Mawson, assisted by E. Prentice Mawson. Fifth Edition, Revised and Enlarged. Containing 440 Pages, illustrated by 544 Plans, Sketches, and Photographs, and 5 colour plates. Including Site, Entrances, Gates, Avenues, Terraces, Beds, Pergolas, Treillage, Rock and Water, Greenhouses, etc., etc., and list of Shrubs and Trees. Small folio, buckram, gilt. £3 17s. net.

"It is an effective vade mecum for all who either propose themselves to lay-out or to acquire a general knowledge before calling in a professional."—H. Avray Tipping, F.S.A., in The Observes.

SPANISH GARDENS

By Mrs. C. M. VILLIERS-STUART. A finely illustrated volume describing the beautiful and most famous gardens of Spain, by one of the foremost authorities on the subject. With 6 plates in colour from the Author's original water colour drawings, 80 pages of reproductions of gardens statuary, cascades, garden features, etc., from photographs, and numerous illustrations in the text from old engravings, pen drawings, etc. Small royal 8vo, cloth, 21s. net.

THE OLD GARDENS OF ITALY: HOW TO VISIT THEM

By Mrs. Aubrey Le Blond. An Illustrated Guide-Book for Travellers. With 100 Plates from Photographs specially taken by the Author. Small 8vo, cloth. 5s. net.

GARDENS IN THE MAKING

By Walter H. Godfrey. A simple Guide to the Planning of a Garden. With upwards of 70 Illustrations of Plans, Views, and various Garden Accessories. Crown 8vo, cloth. 7s. 6d. net.

THE WELL-CONSIDERED GARDEN

By LOUISA YEOMANS KING. With an Introduction by Miss GERTRUDE JEKYLL. An attractive account of Garden Arrangement and Colour Schemes, containing 50 garden views from special Photographs, and some plans of garden beds. New Edition revised, with further Illustrations. Large 8vo, cloth. 12s. 6d. net.

THE LITTLE GARDEN

By Mrs. Francis King. Treating of problems of garden-making, including Situation, Planning, and Enclosing. With Notes on the Choice of Flowers, the Arrangement of Colour Schemes, and the care of the Finished Garden. Attractively illustrated with 8 Photographic Plates. 8vo, cloth 8s. 6d. net.

THE FOUR VOLUMES OF

BATSFORD'S LIBRARY OF DECORATIVE ART

form an attractive Series of remarkable scope and completeness. It reviews the Development of English Decoration and Furniture during the three Renaissance Centuries, XVI, XVII, and XVIII (1500-1820.) Each volume has an extensive series of Plates, and is a complete guide to the work of its

The division is into three great periods—which may be broadly called Elizabethan; Stuart and Georgian; and Classic, with a separate volume each for Stuart Furniture and Decoration. The volumes are remarkable for the beauty and number of their illustrations, the simplicity and clearness of their arrangement, and their moderate prices. The complete series of four volumes is published at prices amounting to £11 3s., but is supplied for the present at the special price of £10 10s. net.

EXTRACTS FROM PRESS NOTICES OF THE SERIES

"These handsome volumes with their extremely fine and copious illustrations provide a full survey of English Furniture and Decoration."—The Times.
"While the pages, both printed and pictorial, are scrupulously factful, the authors write with such charm that the reader is able to visualise something of the social life of the period, for the English home is inextricably interwoven with the English character. On the technical side also the volumes are notable. Stately in form, they are models in respect of binding and printing, and the numerous and valuable illustrations are of the highest order of reproduction."
—The Glasgow Herald.

BATSFORD'S "LIBRARY OF DECORATIVE ART" (DIVN. I) DECORATION AND FURNITURE IN ENGLAND DURING

THE EARLY RENAISSANCE, 1500-1660

An Account of their Development and Characteristic Forms during the Tudor, An Account of their Development and Characteristic Forms during the Tudor, Elizabethan and Jacobean Periods, by M. Jourdain. Containing 20 Chapters; comprising about 300 pages, and over 200 full-page Plates (with Coloured Frontispiece and some in photogravure), including over 400 Illustrations, from specially made Photographs and Measured Drawings, and from Engravings. With a Foreword by Colonel Edward F. Strange, O.B.E., Keeper of Woodwork at the Victoria and Albert Museum. Folio (size 14x10\fm.) cloth, gilt. £3 net.

"A vivid and valuable work on a very interesting period."—The Manchester Guardian.

"The material is handled with mastery and sympathy, and the illustrations give exactly what is wanted."—The Times Literary Supplement.

"Sumptious alike in print, paper, and illustrations, it is a delightful possession, and a desirable book of reference."—The Field.

BATSFORD'S "LIBRARY OF DECORATIVE ART" (DIVN. II)

FURNITURE IN ENGLAND FROM 1660 to 1760

By Francis Lengton. A Survey of the Development of its Chief Types. Containing 300 pages with over 400 Illustrations, printed in sepia, from special Photographs, together with 5 in Colour. Second Edition, revised, with many new Illustrations. Folio (14in. x 10½in.), handsomely bound in cloth, gilt. £2 10s. net.

"... Like the other works of this series, it is magnificently illustrated. The plates form the finest series of representations of late seventeenth and early eighteenth century interiors and their component parts that have been collected together in any work of a similar character. The examples selected are not only typical, but typical of the best."—The Connoisseur.

DECORATION IN ENGLAND FROM 1660 to 1770

By Francis Lengton. A Review of its Development and Features. Containing 300 pages with over 350 Illustrations, of which 133 are full-page, printed in sepia, from special Photographs, and 4 in Colours. Second Edition, Revised and Enlarged. Folio (14in.x104in.) handsomely bound in cloth, gilt. £2 10s. net.

"The volume must rank as one of the standard works on the period treated, and there are sew, if any, among them so well informed, so exhaustive in their treatment, or so superbly illustrated."—The Commisseur.

BATSFORD'S "LIBRARY OF DECORATIVE ART" (DIVN. III) DECORATION AND FURNITURE IN ENGLAND DURING THE LATER XVIIITH CENTURY, 1760-1820

An Account of their Development and Characteristic Forms, by M. Jourdain. Containing 15 Chapters; comprising about 300 pages, with over 180 full-page Plates (a selection in collotype), including over 400 Illustrations, from specially made Photographs and Measured Drawings, and from Engravings. With a Foreword by Professor A. E. RICHARDSON, F.R.I.B A. Folio (size 14x10½m.) cloth, gilt. £3 38. net.

"This volume has not only to complete a work admirably done, but has to cover the most mportant ground of all the perhaps sufficient to say that the author has risen to the occasion Many beautiful rooms by the less-known architects are included which have never before been illustrated Altogether this book is a fine volume on a fine subject never before adequately treated Professor Richardson supplies an excellent introduction."—Professor C. H. REILLY, F.R.I.B.A., in The Manchester Guardsan.

ENGLISH INTERIORS FROM SMALLER HOUSES OF THE XVIITH TO XIXTH CENTURIES, 1660-1820

By M. JOHRDAIN. Illustrating the simpler type of Design during the Stuart, Georgian, and Regency Periods. Containing 200 pages, and 100 Plates, comprising 200 Illustrations, from Photographs and Measured Drawings of Interiors, Chimney-pieces, Staircases, Doors, Ceilings, Panelling, Metalwork, Carving, etc., from minor Country and Town Houses. With Introduction and Historical Notes. Large 4to, cloth, gilt. 248. net.

"The work is remarkably well illustrated, the plates show details of carving and moulding with great clearness Miss Jourdain has divided her work into sections, each dealing with a particular feature of the interior, and the illustrations are arranged in chronological order. Her text is always lucid and informative."—The Composseur.

ENGLISH FURNITURE AND DECORATION, 1680-1800 Illustrated in a Series of Photographic Plates selected and arranged, with a brief Introduction by G. Montague Ellwood. With 200 Plates, comprising over 300 Examples of Interiors, Doors, Ceilings, Chimney-pieces, Chairs, Tables, Cabinets, Bookcases, Settees, etc., etc. New Impression. 4to, cloth, gilt. 30s. net.

THE DECORATIVE WORK OF ROBERT AND JAMES ADAM

Being a Reproduction of all the Plates illustrating Decoration and Furnitures from their "Works in Architecture," published 1778-1812. Containing 30 large folio Plates (size 19in. by 14in.), giving about 100 examples of Rooms, Ceilings, Chimneypieces, Tables, Chairs, Vases, Lamps, Mirrors, Pier-glasses, Clocks, etc., etc. Large folio, handsomely bound in old style. £1 15s. net.

ENGLISH DECORATIVE PLASTERWORK OF THE RENAISSANCE

A Review of its Design during the Period from 1500 to 1800. By M. JOURDAIN. Comprising over 100 full-page Plates of Elizabethan, Stuart, Georgian, and Adam ceilings, friezes, overmantels, panels, ornament, detail, etc., from specially taken Photographs and from Measured Drawings and Sketches. With an Illustrated Historical Survey on Foreign Influences and the Evolution of Design, Work and Names of Craftsmen, etc. Demy 4to, cloth. 30s. net.

"Altogether we have nothing but respect for the scholarly and attractive qualities of this book, which should take a permanent place in the library of artistic achievement in England."
—Mr. OLIVER BRACKETT, Keeper of the Woodwork Department, Victoria and Albert Museum, in The Observer

OLD ENGLISH FURNITURE: THE OAK PERIOD, 1550-1630 Its Characteristics, Features, and Detail from Tudor Times to the Regency. For the use of Collectors, Designers, Students, and Others. By J. T. GARSIDE. Containing 30 Plates reproduced from the Author's specially prepared Drawings illustrating about 400 details of Table Legs; Bed-posts; Corbels; Finials; Turned Feet; Carved Friezes; Moulded Capitals; Panels; Linenfold, Carved, Arched, Geometrical; Inlay Motives; Metal Fittings, etc. Including also Drawings of type-pieces of the period and a Series of 20 Photographic Illustrations. With an Historical Introduction, Accounts of each type of Piece and Feature, and Descriptive Notes. 8vo, cloth, gilt. 10s. 6d. net.

"The volume explains the styles and characteristic details with a conciseness, precision, and wealth of graphic illustration that cannot but repay attention. The book admirably serves the purposes of a reader out to train his eye in recognising form."—The Scotsman.

ENGLISH RENAISSANCE WOODWORK, 1660-1730

A Selection of the finest examples, monumental and domestic, chiefly of the Period of Sir Christopher Wren. By Thomas J. Beveridge. A Series of 80 fine Plates from the Author's measured drawings, specially prepared and fully detailed, including Monographs on St. Paul's Choir Stalls, Hampton Court, Oxford and Cambridge Colleges, London City Churches, etc. Including a series of collotype plates from pencil drawings, and illustrated descriptive text. Large folio, half-bound, £3 net (originally published at £6 6s. net).

ANCIENT CHURCH CHESTS AND CHAIRS IN HOME COUNTIES ROUND GREATER LONDON

With some Reference to their Surroundings. By Fred Roe, R I., R.B.C., With a Foreword by C. REGINALD GRUNDY. A survey of the finest of these survivals of ancient craftsmanship by the leading authority on the subject. With 64 pages of half-tone Illustrations from Drawings by the Author and from Photographs, and a number of line Illustrations in the Text. Demy 4to, cloth, gilt. 21s. net.

ENGLISH AND SCOTTISH WROUGHT IRONWORK By BAILEY SCOTT MURPHY, Architect. Containing 80 fine Plates (size 211in. by 141in.), 68 reproduced from Measured Drawings, and 12 from Photographs specially taken. With Descriptive Text. Imperial folio, buckram gilt. £4 4s. net.

ENGLISH LEADWORK: ITS ART AND HISTORY A Book for Architects, Antiquaries, Craftsmen, and Owners and Lovers of Gardens. By Sir Lawrence Weaver, F.S.A. Containing 280 pages, with 441 Illustrations from Photographs and Drawings. Large 4to, art linen, gilt. 30s. net.

A HISTORY OF ENGLISH WALLPAPER From the earliest Period to 1914. By A. V. SUGDEN and J. L. EDMONDSON. Comprising 270 pages on Wallpapers' ancestry—Early Wallpapers—Eighteenth Century Developments—Famous Pioneers—Chinese Papers and English Imitations—Late Georgian Achievements—The Coming of Machinery—How Wallpaper "found itself"—The Coming of William Morris—Developments of Taste and Technique—Mill Records. With 70 Plates in colour and 190 Illustrations in half-tone. Large 4to, handsome

TRADESMEN'S CARDS OF THE XVIIITH LONDON CENTURY

Art Buckram, Gilt Boxed. £3 38. net.

By Ambrose Heal. Illustrated by upwards of 100 full-plate Collotype reproductions of typical specimens, selected from the Author's and other important collections. Crown 4to, bound in antique style. £2 2s. net.

THE MOST COMPREHENSIVE GUIDE TO PEWTER EVER PUBLISHED

OLD PEWTER: Its Makers and Marks

A Guide for Collectors, Connoisseurs, and Antiquaries. By HOWARD HERSCHEL COTTERELL, First Vice-President of the Society of Pewter Collectors. Containing about 500 pages, with 64 Plates of 200 Specimens of British Pewter, dated and described, and a List of 5000 to 6000 Pewterers, with Illustrations of their Touches and Secondary Marks, Facsimile Reproductions of existing Touch-Plates, and Text Illustrations. Demy 4to, cloth, gilt. £5 58. net.

AN ILLUSTRATED HISTORY OF ENGLISH PLATE

Ecclesiastical and Secular, illustrating the Development of Silver and Gold Work of the British Isles from the earliest known examples to the latest of the Georgian Period. By Sir Charles James Jackson, F.S.A. With a Coloured Frontispiece, 76 Plates finely executed in Photogravure, and 1500 other Illustrations, chiefly from Photographs. Two volumes, small folio, bound in half-morocco. £10 10s. net.

BATSFORD'S COLLECTORS' LIBRARY

A Series of Handbooks written by experts, providing information of practical value to Connoisseurs, Collectors, Designers, and Students. Each volume forms an ideal introduction to its subject, and is fully illustrated by Reproductions in Colour and from Photographs. The following volumes are still available. 8vo, cloth, gilt, price 8s. 6d. net each, excepting the two marked.*

*OLD ENGLISH FURNITURE. By F. FENN and B. WYLLIE. With 94 Illustrations. New Impression. 10s. 6d. net.

OLD PEWTER. By MALCOLM BELL. With 106 Illustrations.

SHEFFIELD PLATE. By BERTIE WYLLIE. With 121 Illustrations.

FRENCH FURNITURE. By André Saglio. With 59 Illustrations.

DUTCH POTTERY AND PORCELAIN. By W. P. KNOWLES. With 54 Illustrations.

*PORCELAIN. By WILLIAM BURTON. With over 50 full-page Plates illustrating 87 fine examples of the Porcelain of Various Countries and Periods. New Impression. 10s. 6d. net.

SPANISH INTERIORS AND FURNITURE

In two volumes. By Arthur Byne. With brief descriptive Text by MILDRED STAPLEY. Containing 300 full-page Plates from Photographs, Measured Drawings, and Sketches, illustrating about 500 Examples of fine Interiors and Furniture from the XVth-XVIIIth Centuries. Small folio, cloth, gilt. £9 net.

CHILDREN'S TOYS OF BYGONE DAYS

A History of Playthings of all Peoples from Prehistoric Times to the XIXth Century. By Karl Größer. English Version by Philip Hereford. A beautifully produced survey of this fascinating subject with a frontispiece and 11 Plates in Colour, and 306 photographic illustrations of Dolls, Dolls-houses, Mechanical Toys, Carts, Ships, Tin Soldiers, etc., etc., of every country and period from the earliest times. With 66 pages of historical and descriptive text. 4to, canvas, gilt, with decorative wrapper, 32s. net.

"Its abundance of illustrations is wonderful. Many of them are in colour, and all are reproduced in a fashion which does the publishers credit. The text is as interesting as the pictures. We can heartily recommend this book to the public. No one who buys it will be disappointed."—The Daily Mail.

THE LEVERHULME ART MONOGRAPHS

A Series of three sumptuous Volumes, folio, handsomely bound in art buckram, gilt. Price £17 17s. the set (volumes not sold separately). Edition strictly limited to 350 copies for sale.

I. CHINESE PORCELAIN AND WEDGWOOD POTTERY With other works of Ceramic Art. By R. L. Hobson, B.A., British Museum. Containing 200 pages of Text, including Introductions and detailed descriptions of over 2000 Pieces. With over 75 Photographic Plates, and 30 Plates reproduced in Colour.

II. ENGLISH FURNITURE, TAPESTRY, AND NEEDLE-WORK OF THE XVIth-XIXth CENTURIES

With some Examples of Foreign Styles. By PERCY MACQUOID, R.I. Containing 150 pages of Text, with Introductions and detailed descriptions of over 700 Objects. Illustrated by 104 Photographic Plates, and 9 Plates in full Colour.

III. ENGLISH PAINTING OF THE XVIIIth AND XIXth CENTURIES

With some Examples of the Spanish, French, and Dutch Schools, and a Collection of Original Drawings and of Sculpture. By R. R. TATLOCK, Editor of the Burlington Magazine. With an Introduction by Roger Fry. Containing 200 pages of Text, including Introductory Notes, and detailed Accounts of 1000 Pictures, Drawings, etc. Illustrated by 101 Photographic full-page Plates and 12 in Photogravure.

The three fine volumes which the late Viscount Leverhulme planned as a memorial to his wife constitute a record of his own permanent collections. Only 350 sets can be offered for subscription, and the very moderate figure of £15 15s. represents but a fraction of the immense expenses undertaken by Viscount Leverhulme. The examples in the Art Collections at Port Sunlight are of remarkable interest and importance, and this record forms three valuable contributions to the History of Art on Ceramics, Furniture, and Painting, written and compiled by leading authorities on their respective subjects.

A HISTORY OF BRITISH WATER-COLOUR PAINTING By H. M. CUNDALL, F.S.A. With a Foreword by Sir H. HUGHES-STANTON, P.R.W.S. A New Edition, revised and enlarged, of this important standard work, with 64 full-page Illustrations in Colour, and a full biographical list, arranged alphabetically, of the principal English Water-colourists. Large Medium 8vo, cloth, 25s. net.

THE EARLY FLEMISH PAINTINGS IN THE RENDERS COLLECTION

Exhibited at the Flemish Exhibition, Burlington House. With a full Introduction by G. Hulin de Loo, and detailed Descriptions of the Paintings by E. MICHEL. Containing 6 Mounted Plates in full Colour, and 18 Plates in Photogravure of Paintings in the Collection of M. Renders of Bruges, including intensely interesting and little-known works by such Masters as Rogier van der Weyden, Memling, Jean Provost, Mabuse, the Masters of S. Veronica and of the Baroncelli Portraits, etc. etc. Large 4to, in portfolio, £3 3s. net; or bound in cloth, gilt, £3 10s. net.

"With the book in his hands he would be a dull reader indeed who cannot in a comparatively short time familiarise himself with several distinct aspects of the history of Flemish paintings."—The Daily Telegraph.

THE BURLINGTON MAGAZINE MONOGRAPHS

Issued by the Publishers jointly with The Burlington Magazine

MONOGRAPH NO. I—CHINESE ART— Now entirely out of print.

MONOGRAPH NO. II—SPANISH ART

An Introductory Review of Architecture, Painting, Sculpture, Textiles, Ceramics, Woodwork, Metalwork, by Royall Tyler, Sir Charles Holmes and H. ISHERWOOD KAY, GEOFFREY WEBB, A. F. KENDRICK, B. RACKHAM and A. VAN DE PUT, BERNARD BEVAN, and P. DE ARTINANO, respectively. With a General Introduction by R. R. TATLOCK, Editor of The Burlington Magazine. Illustrated by 120 large scale reproductions of Paintings, Decorative Art, Buildings, etc., including 9 Plates in full Colour, comprising 280 pictures in all. With Maps, Bibliography, etc. Royal 4to, cloth. £.2 28. net.

"A rich book, both in the multitude of its illustrations and as a concise encyclopædia of nformation"—The Daily News.

"The gorgeous volume before us is certainly as good as any produced elsewhere, and one owes much to this volume which the admirable Batsford has published for the best illustrated of our magazines, the Burington 'Spanish Art' is a large, beautifully bound book—a beautiful possession for those who have travelled in Spani, or are interested in Spanish art."—Guardian.

MONOGRAPH NO. III—GEORGIAN ART

A Survey of Art in England during the reign of George III, 1760-1820, by leading authorities. The Sections comprise: Painting by J. B. MANSON; RACKHAM; Woodwork by OLIVER BRACKETT; Textles by A. F. KENDRICK; Minor Arts by Louise Gordon-Stables. With an Introduction by Roger Fry. The Illustrations include 6 Plates in colour and 64 in halftone, comprising some 100 subjects, and forming a gallery of the fine and decorative arts of the Period. Royal 4to, cloth, 30s. net.

AN IMPORTANT NEW ART PERIODICAL

OLD MASTER DRAWINGS

A Quarterly Marazine, edited by K. T. PARKER, British Museum. With an Executive Committee of: CAMPBELL DODGSON, A. OPPE, M. HIND, and A. G. B. Russell, and Consultative Foreign Authorities. Each Number contains 16-20 Plates, and about 12 letterpress pages of articles and shorter notices dealing with Drawings from the earliest times to the 19th Century. Demy 4to. Annual subscription, 21s. net, post free; Single

Numbers, 3s. 6d. net, post f.ee. No periodical devoted exclusively to the study and criticism of drawings has hitherto existed; this publication is intended to meet the need. The names of the many scholars connected with it guarantee its authoritative character, and its volumes should prove a mine of reference to students of

"This promises to be a very useful publication. The notes on drawings all show evidence of careful research. It is as providing little patches of solid ground in a region of speculation that this quarterly will be welcomed,"—The Times Liverary Supplement.

"This is an admirably produced, illustrated, and edited periodical, and the level of its scholarship is worthy of the international reputation of its consultative committee. There can be no question that the first volume forms an indispensable corpus for the student of Art."

Mr. A. E. POPHAM in The Burlington Magazine.

DÜRER'S DRAWINGS

A Collection of 56 Facsimiles of the Originals, in Colour, Line, and Wash preserved in the Albertina Collection in Vienna. With Introduction and Descriptive Text by CAMPBELL DODGSON, M.A., C.B.E. In handsome

portfolio. £15 net. This superb series of examples of Dürer's draughtsmanship has been prepared and published in connection with the celebration of the four hundredth

anniversary of the artist's death (April 6th, 1928).

ART IN THE LIFE OF MANKIND

A Survey of its Achievements from the Earliest Times. By Allen W. Seaby. Planned in a series of concise volumes, each containing about 80 pages of text, with about 70 full-page and smaller Illustrations from the author's specially prepared Sketches and Drawings, and a series of 16 Photographic Plates. Crown 8vo, boards, 5s. net per volume.

I. A GENERAL VIEW OF ART: Its Nature, Meaning, Principles and Appreciation. II. ANCIENT TIMES: The Art of Ancient Egypt, Chaldea, Assyria, Persia, and other lands. Other volumes on Art in CLASSIC, BYZANTINE, MEDLEVAL, and RENAISSANCE TIMES, are in preparation.

These concise little volumes are designed to serve as an Introduction to the Appreciation and Study of Art in general. They are simply and graphically written and fully illustrated by many Sketch Impressions and Photographs.

A SHORT HISTORY OF ART FROM PREHISTORIC TIMES TO THE XIXTH CENTURY

Translated from the French of Dr. André Blum. Edited and Revised by R. R. Tatlock. Illustrated by 128 full-page Photographic Plates, comprising about 250 examples of the finest Painting, Sculpture, Architecture, and Decorative Art of Early, Classic, Byzantine, Gothic, Renaissance, and Recent Times. Including also about 100 Illustrations in the Text from Drawings, Engravings, and Plans. Medium 8vo, cloth, gilt. 21s. net.

THE SIGNIFICANCE OF THE FINE ARTS

A Review of the Development of Architecture and the Decorative Crafts. Containing: Classical and Mediæval Architecture; The Renaissance; Modern Architecture; Sculpture; Painting; Landscape Design; City Planning; The Industrial Arts; and Music. By C. Howard Walker, Ralph Adams Cram, H. van B. Magonigle, Lorado Taft, F. L. Olmsted, and others. 482 pages, illustrated by about 250 Works of Art from Photographs and Drawings. Large 8vo., cloth, gilt. 18s. net.

THE YOUNG PEOPLE'S STORY OF ART

By IDA PRENTICE WHITCOMB. A Popular Account of Art Development from Ancient Egypt to Modern Times. Containing 86 full-page Plates of Paintings by Old and Modern Masters, Sculpture, and famous Buildings. Large 8vo, cloth. 18s. net.

ART FOR AMATEURS AND STUDENTS

By George J. Cox. A Series of Chapters on the Essential Structure of art throughout the Ages, including Sections on Essentials, Line, Space, Rhythm, Art Structure in the Minor Arts, Architecture, Sculpture, Painting, etc. With 36 Plates, comprising 260 comparative examples of Pictorial and Graphic Work by old and modern Artists, Decorative Objects, Buildings, etc. With full Critical and Descriptive Notes. 4to, half-bound. 215. net.

RODIN: THE MAN AND HIS ART

By Judith Cladel. Translated by S. K. Star, with a Critical Appreciation by James Huneker. Containing 47 full-page Plates from special Photographs of Rodin's work in marble, plaster and bronze. 4to, cloth, gilt. 32s. net.

SHOULD WE STOP TEACHING ART?

By C. R. Ashber. An interesting and outspoken account of modern Art Education. 8vo, boards, buckram back. 3s. 6d. net.

A MANUAL OF HISTORIC ORNAMENT

Being an Account of the Development of Architecture and the Historic Arts, for the use of Students and Craftsmen. By RICHARD GLAZIER, A.R.I.B.A. Fourth Edition, revised and enlarged. Containing 700 Illustrations, chiefly from the Author's Pen Drawings, including many new to this Edition from various sources, and a special series of Photographic Plates of Ornament of the Orient and of the Later Renaissance. Large 8vo, cloth. 128. 6d. net.

"The result of revision is admirable in every respect: the book is immensely improved, and its scope considerably broadened, though it is still compact and easy of reference. It is now the ideal manual for the student or craftsman, and those who are wise enough to purchase it will possess not only an invaluable work of reference, but a source of inspiration as well."

The Decorator.

A HANDBOOK OF ORNAMENT

With 3000 Illustrations of the Elements and the Application of Decoration to Objects, e.g., Vases, Frets, Diapers, Consoles, Frames, Jewellery, Heraldry, etc., grouped on over 300 Plates, reproduced from the Author's specially prepared drawings. With Descriptive Text to each subject. By Professor F. Sales Meyer. Large 8vo, cloth, lettered. 16s.

'IT IS A LIBRARY, A MUSEUM, AN ENCYCLOPÆDIA, AND AN ART SCHOOL IN ONE. TO RIVAL IT AS A BOOK OF REFERENCE ONE MUST FILL A BOOKCASE. The quality of the drawings sumusually high, and the choice of examples is singularly good... The text is well digested, and not merely descriptive or didactic, but an admirable mixture of example and precept. So good a book needs no praise."—The Studio.

THE STYLES OF ORNAMENT

From Prehistoric Times to the Middle of the XIXth Century. A Series of 3500 Examples Arranged in Historical Order, with Descriptive Text. By Alexander Speltz. Revised and Edited by R. Phené Spiers, F.S.A., F.R.I.B.A. Containing 560 pages, with 400 full-page Plates exhibiting upwards of 3500 separate Illustrations. Large 8vo, cloth, gilt. 20s. net.

Mr. Walter Crane, in a lengthy review in the *Manchester Guardian*, wrote "... To pack nto a single volume of some 626 pages and 400 illustrations a really intelligible account of the styles of ornament prevailing in the world from prehistoric times to the middle of the nineteenth century is a remarkable feat... The illustrations are for the most part well chosen and characteristic, and are drawn with decision and facility.

COLOURED ORNAMENT OF THE HISTORIC STYLES A Series of 180 fine Plates, in Three Parts, from Water-colours by ALEX-

ANDER SPELTZ.

PART I. THE CLASSIC ERA (Prehistoric, Egyptian, Middle East, Cretan, Greek, Etruscan, Roman, Buddhist, and Early Christian Ornament). PART II. THE MIDDLE AGES (Byzantine, Russian, Celtic, Romanesque, Scandinavian, Spanish, French, English, Netherland, Italian, and German Gothic Ornament, etc.).

PART III. THE RENAISSANCE PERIOD (Ornament of the Italian, French, English, German, and Flemish Renaissance, Grotesque and Rococo, Classic and Empire Styles, etc.).

Three Volumes, in cloth portfolios, large quarto, 30s. net per volume; or £4 4s. the set. (Also in three volumes, bound in stout buckram, 35s. per volume; or £5 net the set.)

PATTERN DESIGN

For Students, treating in a practical way the Anatomy, Planning, and Evolution of Repeated Omament. By Lewis F. Day. Containing about 300 pages, and 300 practical Illustrations from specially prepared Drawings and Photographs of the Principles of Repeat Design, the "Drop," the "Spot" Geometrical Ornament, etc. Third Impression. Demy 8vo, cloth, gilt. 10s. 6d. net.

"Every line and every illustration in this book should be studied carefully and continually by every one having any aspiration toward designing."—The Decorator.

Messrs. Batsford announce a New Series, revised and remodelled, of this well-known Art Periodical of which they are now English Publishers, now completed in three volumes. Published in quarterly parts, each containing 20 fully coloured Plates. Large Quarto, in ornamental paper cover, 12s. 6d. net each; the complete year, containing 4 Parts, £2 10s. net; or bound in cloth, gilt, £2 15s. net.

THE ART WORKERS' STUDIO:

A PERIODICAL PUBLICATION OF DECORATIVE ART, OLD AND NEW Every one concerned with industrial art will find a variety of useful motives and studies in these finely-coloured Plates, from the Decorative Art of Historic Periods, and from the Designs of Modern Artists. The Series Decorative Designs; Ceramic Work; Embroideries; Enamel; Textiles; Mural Decoration; Carpets; Inlay; Tapestries, etc.
The first volume of this Series (Vol. XXVII.), and Three Parts of the new volume are now available. Full prospectus and specimen coloured plates

on application. "This handsome folio consists of illustrations the beauty of which must be seen to be fully appreciated. In the matter of reproduction they are beyond all praise, and those who decide to purchase the complete series will make a wise investment."—The Decorator.

ORNAMENT: I. ANCIENT HISTORY OF AND MEDLÆVAL

By A. D. F. HAMLIN. An Account of the Decorative Arts in Primitive, Classic, Byzantine, and Mediæval Times, to 1500. Containing upwards of 800 Illustrations, from Photographs and Drawings, including 22 special full-page Plates (400 Figures), 7 in Colour, showing Details, Metal-work, Furniture, Textiles, Mouldings and Tracery, Pottery, etc. In 2 Volumes. Large 8vo, cloth, gilt. 24s. net each; or 2 vols. 45s. net.

A HISTORY OF ORNAMENT: II. RENAISSANCE AND MODERN

By A. D. F. HAMLIN. Decoration in Italy, France, Spain, the Netherlands, and England from 1500 to the 20th century. With 50 full-page Plates from Photographs and Drawings, comprising 150 Illustrations, and about 280 line Illustrations, etc., and a series of 23 Plates, 4 in Colour, illustrating 350 figures of Detail.

"The book fulfils its purpose as forming a concise and well-proportioned introduction to the history of the rise and development of Renaissance ornament."—The Connoisseur.

MODERN DECORATIVE ART IN ENGLAND

A Series of Illustrations of its Development and Characteristics, with Introductory Text by W. G. Paulson Townsend. Large 4to, cloth, gilt. 25s. net.

TEXTILES, PRINTED FABRICS, WALL PAPERS, LACE AND EMBROIDERY, TAPESTRY, STENCILLING, BATIK, etc. Illustrating on 80 Plates 178 examples, including 51 subjects beautifully reproduced in full Colour.

THE DECORATIVE ARTS IN ENGLAND, 1660-1780

By H. H. Mulliner, with an Introduction by J. Starkie Gardner. A Series of 110 full-page Plates from Photographs illustrating 256 Specimens of Furniture, Lacquering, Marquetry, and Gesso, Chandeliers, Clocks; Stuart and Georgian Silver—Sconces, Cups, Bowls, Tea and Coffee Sets—Enamels, Locks, Battersea Enamel, Ormolu Vases, Tapestry, Needlework, Bookbindings. With brief Historical Introductions and full descriptions. Folio, half-parchment, gilt. £3 10s. net.

"Sumptuously printed and lavishly illustrated, emphatically one of the few books that really count in the collectors' library."—The Observer.

INDUSTRIAL ARTS DESIGN-

A Textbook of Practical Methods in the Decorative Crafts. By WILLIAM H. VARNUM. With about 500 Figures and 85 Plates of Drawings and Photographs of Furniture, Woodcarving, Metal Objects, Jewellery, Pottery, etc., and Keyplates of Tints. Large 8vo, cloth, lettered. 18s. net.

DESIGNS FOR SWISS FILET LACE

(Les Dentelles de Gruyère). Containing 36 full-page Collotype Plates with over 100 designs, by the lace makers of Gruyère in Switzerland, in historic and modern styles. Oblong 4to, stiff paper covers, lettered. 14s. net.

THE CRAFT OF HAND-MADE RUGS

By AMI MALI HICKS. With 14 chapters on Old-Time Rugs, Knitted, Braided, Crocheted, Rag and Hooked Rugs, Stencil-making, Dyeing, the Batik Process, etc., with coloured Frontispiece, 21 photographic examples and numerous sketches in the text. 8vo, cloth, stamped from a special design. 12s. 6d. net.

HISTORIC COSTUME

A Chronicle of Fashion in Western Europe, 1490-1790. By Francis M. Kelly and Randolph Schwabe. Containing the chief characteristics of Dress in each century. Illustrated by some hundreds of full-page and text Sketches from original sources by Randolph Schwabe of typical groups, figures, and details. Including 7 Plates specially reproduced in Colour, and 70 Photographic reproductions of Historic Pictures, Portraits, Scenes, etc. Large 8vo, cloth, gilt. 25s. net.

"Intended primarily for the costumier, film producer, and artist, it is full of delight for the ordinary reader, who will find it an excellent help in the pleasant game of trying to construct a livelier vision of the past"—The Queen.

THE REGIONAL COSTUMES OF SPAIN

By ISABEL DE PALENCIA. A collection of 241 Plates from Photographs of local costumes from Galicia, Basque Provinces, Aragon, Asturias, the Balearic Islands, and many other provinces, also from Paintings and Engravings. Including 4 Coloured Plates and short descriptive Text. Large 8vo, cloth. 28s. net.

HISTORIC COSTUME

A resume of the characteristic types of Costume from the most Remote Times to the Present Day. By K. M. LESTER. Director of Art Instruction, Public Schools, Peoria, Illinois. Containing Chapters on Historic Costume, Colonial Costume in America, and American Costume. 236 pages, with 3 full-page illustrations and 61 drawings in the text, coloured frontispiece, bibliography and index. Crown 8vo, cloth. 12s. 6d. net.

FLORAL FORMS IN HISTORIC DESIGN
Drawn by LINDSAY P. BUTTERFIELD, Designer, with Introduction and
Notes by W. G. Paulson Townsend. Containing 30 Plates in Collotype and Line, showing about 100 Decorative Adaptations of the Rose, Carnation, Fruit Blossom, etc., from Eastern and European stuffs, and from old Herbals. Large folio, in portfolio, 15s. net.

FASHION DRAWING AND DESIGN

By Loure E. Chadwick. Illustrated by numerous examples of Historic Fashion Plates, Explanatory Sketches by the author, Figure Studies, and a series of about 80 full-page and double Plates of Contemporary Fashion Drawings by well-known artists. Large 8vo, cloth, lettered. 15s. net.

GRAPHIC FIGURES. THE PRACTICAL SIDE OF DRAW-ING FOR CARTOONS AND FASHIONS

By E. G. Lurz. Illustrated by numerous full-page Drawings by the Author, after famous caricature artists, applying the methods found remarkably helpful in the Author's "Practical Drawing." Large crown 8vo, halfbound. 8s. 6d. net.

SAMPLERS AND STITCHES

A Handbook of the Embroiderer's Art. By Mrs. Archibald Christie. Containing 34 full-page Reproductions from Photographs, a Frontispiece in Colour, and 239 Text Drawings. Second Edition, revised and enlarged. Crown 4to, boards, canvas back. 25s. net.

"Many books have been written on this fascinating subject but we cannot remember coming across any more comprehensive and complete work than Mrs Christic's. In the name of all needlewomen there should be accorded to Mrs Christic a very grateful vote of thanks"—Gountry Life.

SIMPLE STITCH PATTERNS FOR EMBROIDERY

By Anne Brandon-Jones. With Coloured Frontispiece and 13 Photographic Plates illustrating 44 Patterns, 4 Plates from the Author's Pen Drawings, showing 31 Stitch Diagrams and 11 Complete Objects. With an Introduction, Chapters on the Method, Sketches, Colour Materials and Application of Designs, also Descriptive Notes, with Colour Schemes. Crown 4to, paper wrappers, 2s. 61. net; or in cloth, 3s. 6d.

"There is valuable help in this book. There are excellent plates in line and colour. The directions are clear and concise, and the articles suggested for practice are such as will please young people to make The aim, achieved with great success and a real feeling for craftsmanship, has been to encourage pupils to attempt work which is beautiful in itself, free from overelaboration, and within the scope of beginners "—Education Outlook.

STITCH PATTERNS AND DESIGNS FOR EMBROIDERY

By ANNE BRANDON-JONES. An independent companion volume to the above work, containing 48 pages with 45 photographic examples on 12 plates of simple and effective embroidery motives, a frontispiece in colour, and numerous text illustrations of sutches and methods. Crown 4to, paper wrappers, 2s. 6d. net; or in cloth, 3s. 6d. net.

CANVAS EMBROIDERY

A Manual for Students and Amateurs by Louisa F. Pessi. Containing 48 pages of text, a coloured frontispiece, and 14 specially prepared plates showing stitches and methods. Medium 4to, paper wrappers, 3s. 6d. net; or bound in cloth, 4s. 6d. net.

ART IN NEEDLEWORK

A BOOK ABOUT EMBROIDERY. By LEWIS F. DAY and MARY BUCKLE. Fourth Edition, revised by MARY HOGARTH. Including a specially worked Series of Stitch-Sampleis, numerous supplementary Diagrams and many Plates of Historic Embroidery—Chinese, Medizval, Italian, French, and Modern English. With additional Examples of Modern Work by Duncan Grant, MRS. NEWALL, MRS. STOLL, D. HAGER, and others. Containing 280 pages, 80 full-page Plates, reproduced from Photographs, and 50 Illustrations in the Text. Crown 8vo, cloth. 7s. 6d. net.

"A veritable encyclopædia of embroidery; diagrams and illustrations of samplers very effectively show the way the stitches are done. A thoroughly practical book."—Needlework or All.

POPULAR WEAVING AND EMBROIDERY IN SPAIN

By MILDRED STAPLEY. Including Chapters on Plain and Fancy Weaving, Tassels and Fringes, Appliqué, Embroidery: White, Black-and-White, and Coloured; Drawn-work, Filet Lace, etc. Illustrated by 3 Plates in Colour, and 118 from Photographs, comprising upwards of 150 examples, chiefly of the XVI-XVIIITH Centuries. With 20 Diagrams of Stitch Workings. Small 4to, art canvas, gilt. 32s. net.

HISTORIC TEXTILE FABRICS

By RICHARD GLAZIER. Containing: Materials—The Loom—Pattern—Tapestries—Dyed and Printed Fabrics—Church Vestments, etc., with about 100 Plates from Photographs and from the Author's Drawings, including 4 in Colour, and 43 Line Diagrams, illustrating over 200 varieties of Textile Design. Large 8vo, cloth, gilt. 218. net.

A HISTORY OF EVERYDAY THINGS IN ENGLAND

1066-1799

Written and Illustrated by Marjorie and C. H. B. Quennell. In Two Volumes. Medium 8vo. 8s. 6d. net each; also issued bound in one

volume, 16s. 6d. net.

This account of the English People in their everyday life, of their occupations and amusements during seven centuries, may be read with enjoyment by all interested in the life of Great Britain. The book appeals strongly to Students, Designers, and those interested in Building, Decoration, and Costume.

"A model of book production, exquisite in type, in line drawing, in colour printing."—

The Times

"The whole life of eight changing centuries is written in these lively pages, and the record is to be commended unreservedly, both for its pictorial charm and for the soundness and variety of its archæological knowledge."—The Daily Telegraph.

VOL. 1.—EVERYDAY THINGS IN ENGLAND FROM 1066-1499

With 90 Illustrations, many full-page, and 3 Plates in Colour. Fourth Impression.

VOL. II.—EVERYDAY THINGS IN ENGLAND FROM

1500-1799

By MARJORIE and C. H. B. QUENNELL. With 4 Coloured Plates and 111 other Illustrations from the Author's Drawings. Third Impression, revised and corrected.

Issued in Parts for Schools and Class Teaching

The work is now obtainable in Six Separate Parts, each covering a period of history of about a century, appropriate for a term's study. Each part has its own Title, Contents, and full Index; the Illustrations are all given, and the coloured plates and comparative charts are also included. Bound in stiff paper covers (with the original special design), at 3s. net each part.

PART I. ENGLAND UNDER FOREIGN KINGS (1066-1199). Containing 2 Colour Plates, 5 full-page line Illustrations, and 15 in the Text.

PART II. THE RISE OF PARLIAMENT (1200-1399). Containing 2 Colour Plates, 8 full-page Illustrations, and 22 in the Text.

PART III. THE HUNDRED YEARS' WAR (1400-1499). Containing 1 Colour Plate, 11 full-page line Illustrations, and 13 in the Text.

PART IV. THE AGE OF ADVENTURE (1500-1599). Containing 2 Colour Plates, 16 full-page line Illustrations, and 30 in the Text.

PART V. THE CROWN'S BID FOR POWER (1600-1699). Containing 1 Colour Plate, 11 full-page line Illustrations, and 21 in the Text.

PART VI. THE RISE OF MODERN ENGLAND (1700-1799). Containing I Colour Plate, II full-page line Illustrations, and 19 in the Text.

THE EVERYDAY LIFE SERIES

A Graphic and Popular Survey of the Efforts and Progress of the Human Race, now completed in 4 volumes. Crown 8vo. duxeen. 5s. net. each.

EVERYDAY LIFE IN THE OLD STONE AGE

Written and Illustrated by MARJORIE and C. H. B. QUENNELL, Containing 128 pages, including 70 Illustrations, and a Coloured Frontispiece, from the Authors' Drawings, with a Chronological Chart.

"A small book containing much ubstance . . . A vivid, simple style and sprightly humour—which last is carried even into their clever black-and-white illustrations—should give them many appreciative readers.. A most attractive little book."—The Morning Post.

EVERYDAY LIFE IN THE NEW STONE, BRONZE AND EARLY IRON AGES

Written and Illustrated by Marjorie and C. H. B. Quennell. Containing 144 pages, with 90 original Illustrations from the Authors' Drawings, of Household Life, Agriculture, Pottery, Weapons, Ornaments, etc., Including 2 Plates in Colour, a marked Map, and a Chronological Chart.

The above two works may now be obtained bound in one handy volume as described below:

EVERYDAY LIFE IN PREHISTORIC TIMES

Containing 272 pages, 3 Plates in Colour and 2 in Monochrome, with 160 Illustrations from the Authors' Pen and Ink Drawings, two Chronological Charts and a Comparative Map. The Old Stone Age Section has an Account of the Rhodesian Skull and Nebraskan Tooth, with 2 additional Illustrations. Crown 8vo, duxeen, lettered. 10s. net.

EVERYDAY LIFE IN ROMAN BRITAIN

Written and Illustrated by MARJORIE and C. H. B. QUENNELL. Containing 128 pages, with over 100 original Illustrations from the Authors' Pen Drawings, of Cities and Camps, Villas, Ships, Chariots, Monuments, Costume, Military Life, Household Objects, Pottery, etc. Including 3 Colour Plates, Chart, and Map of Roads.

"The illustrations are very good, and add much to the value of the book, which is as entertaining as it is instructive."—The Westminster Gazette.

EVERYDAY LIFE IN SAXON, VIKING, AND NORMAN TIMES

Written and Illustrated by MARJORIE and C. H. B. QUENNELL. Containing 128 pages, with over 100 original Illustrations from the Authors' Pen and Pencil Drawings of Ships, Cooking, Metalwork, Caskets, Crosses, Buildings, Pottery, and Illuminated MSS., including 2 Coloured Plates, Historical Chart, etc. Crown 8vo, cloth. 5s. net.

"It is a period which gives scope for interesting writing and delightful illustrations. The authors have, as before, profited to the full by their opportunities. Altogether this is an agreeable as well as a valuable book, and one can say of the authors what Asser said of Alfred. They are 'affable and pleasant to all, and curiously eager to investigate things unknown."

—The Times.

ENGLAND IN TUDOR TIMES

An Account of its Social Life and Industries. By L. F. SALZMAN, M.A., F.S.A. Author of "English Industries of the Middle Ages," etc. A remarkable survey of a great period in England's Social history. Containing chapters on The Spirit of the Tudor Age—Life in the Country—Life in the Town—Life in the Home—The Church—Adventure on Land and Sea. With 138 pages of text, 64 full-page illustrations and plentiful illustrations in the text from drawings, engravings, etc. Demy 8vo., cloth. 7s. 6d. net.

MAN'S PREHISTORIC PAST

A Popular Survey of Its Scenes, Life and Remains, in the Old World and the New. By Professor H. WILDER, Ph.D. Containing Chapters on River Terraces, etc.; Rock Shelters—Paintings—Lake Villages; Pre-History; Types of Prehistoric Man, etc. With 450 Pages and 110 full-page Illustrations. Large thick 8vo, cloth, gilt. 258. net.

ROUND THE WORLD IN FOLK TALES

A Regional Treatment. By RACHEL M. FLEMING. 16 Tales from Iceland, Mexico, Africa, Australia, etc., told in a fresh, easy style. With 17 Illustrations from Prints, Drawings, and Photographs. 8vo, boards, 2s. net. Cloth, 3s. net.

THE "PEOPLE'S LIFE AND WORK" SERIES

LIFE AND WORK OF THE ENGLISH PEOPLE THROUGH THE CENTURIES

A Pictorial Record from Contemporary Sources. By Dorothy Hartley and Margaret M Elliot, B.A. (Lond). Each volume is devoted to a separate century and contains 32pp. of Text and about 150 pictures on 48 full-page Plates, of Household Life, Crafts and Industries, Building, Farming, Warfare, City and Country Scenes, Transport, Children, Church Life, Gardens, etc. With an Introduction on the characteristics of each period, full Descriptive Notes, Historical Chart, Analytical Index, Music, etc. Large (royal) 8vo, boards, lettered. 4s. 6d. net per volume, or in cloth, 5s. 6d. net per volume. Volumes II and III (Later Middle Ages), and volumes IV and V (Early and Middle Renaissance), can also be obtained bound together in cloth at the price of 10s. 6d. net each:

The scheme of the Series is as follows:—

1. LIFE AND WORK OF THE PEOPLE FROM THE

- CONQUEST TO 1300 r. THE FOURTEENTH CENTURY
- m. THE FIFTEENTH CENTURY
 rv. THE SIXTEENTH CENTURY
 - v. THE SEVENTEENTH CENTURY
- vi. THE EIGHTEENTH CENTURY

Volumes II, III, IV and V now ready.

"A delightful collection of contemporary pictures largely taken from manuscripts. Of recent years we have had a bewildering output of picture-books, but we do not know of any on such a scale as this, cheap enough to find their way into the actual possession of children,"

—The Manchester Guardian.

THE "ENGLISH LIFE" SERIES

THE ENGLISH INN, PAST AND PRESENT

By A. E. RICHARDSON, and H. D. EBERLEIN. Treating of the Inn in Mediæval, Tudor, Georgian and Later Times, Interiors, Signs, Coach Travel, suggested Tours, etc. With about 200 Illustrations from Photographs, Prints, Engravings and Drawings by Rowlandson, Hogarth, Pollard, Alken and Shepherd, among other artists. Large 8vo, cloth, gilt. 21s. net.

THE ENGLISH COUNTRYSIDE

By Ernest C. Pulbrook. A Review of some of its Aspects, Features, and Attractions. With 126 Illustrations from Photographs, including a Frontispiece by A. E. Newcombe. New impression. Large 8vo, cloth, gilt. 12s. net.

ENGLISH COUNTRY LIFE AND WORK

An Account of some Past Aspects and Present Features. By ERNEST C. PULBROOK. Containing about 200 pages on Farmers, Old and New—Field-Work—Cottage Folk—The Village Craftsman—Religious Life, etc. With about 200 artistic Illustrations from special Photographs. Large 8vo, cloth, gilt. 16s. net.

'We may congratulate the author on a very readable and well-illustrated book. He has given a fairly detailed description of a large number of occupations of the English country labourer and village dweller. Such industries as thatching and burdle-making are described at some length, and there are good pages on country methods of trading."—The Field.

OLD ENGLISH HOUSEHOLD LIFE

Some Account of Cottage Objects and Country Folk. By Gertrude Jeryll. Consisting of 17 sections on the Fireplace, Candlelight, the Hearth, the Kitchen, Old Furniture, Home Industries, Cottage Buildings, Itinerants, Mills, Churchyards, etc. With 277 Illustrations from Photographs and Old Prints and Drawings. Large thick 8vo, cloth, gilt. 21s. net.

"None can read it without enjoyment, and few without enlightenment. As to the collect or, he must not be without it."—Illustrated London News.

TOURING ENGLAND BY ROAD AND BYWAY

A Popular Illustrated Guide in a new form to the Beauties of Rural England. By Sydney R. Jones. Comprising 20 Typical Tours under Five Divisions, with General Introduction and complete Map, Introduction to each District and specially drawn simplified Route Map of each Tour, which is described in detail, with finger-post reference to features, and buildings of interest. Illustrated by 54 Drawings, including a number full page, specially drawn by the Author, and 50 Illustrations from Photographs by the Artist and others. Crown 8vo, cloth. 7s. 6d. net.

"This little book is a delightful guide to the English countryside, useful alike to walker cyclist, and motorist."—Queen.

LITTLE KNOWN TOWNS OF SPAIN

A series of water colours and drawings in facsimile colour and monochrome from the originals of Vernon Howe Balley. Comprising 57 full-page Plates, many in colour, others in sepia, wash, lithography, etc., with text including historical and descriptive short notes. Large 4to, in decorative paper binding, £3 10s. net. Bound in cloth, gilt, £3 16s. net.

RAFFLES DAVISON, Hon. A.R.I.B.A., Draughtsman, Writer, and Editor

A Record of his Life and Work, 1870-1927, including a Selection of his Drawings and Sketches. Edited by MAURICE E. WEBB and HERBERT WIGGLESWORTH. A memorial volume issued to commemorate the life and work of this fine draughtsman, including about 117 of his Architectural, Decorative, and Landscape Sketches. With appreciations by Sir ASTON WEBB, PP.R.A., Sir REGINALD BLOMFIELD, R.A., and others. 4to half-bound. 218. net.

THE XVIIITH CENTURY IN LONDON

An Account of its Social Life and Arts. By E. Berespord Chancellor. Containing 280 pages with 192 Illustrations, printed in sepia, from prints and drawings by contemporary artists. With a Frontispiece in Colour. Crown 4to, cloth, gilt. 25s. net.

"From every point of view, literary and artistic, the book is a delight to turn over and to read, and author and publisher alike are to be heartily congratulated on an achievement which is worthy of the best traditions of British book-production."—The Dasly Telegraph.

A Companion and sequel to the above

LIFE IN REGENCY AND EARLY VICTORIAN TIMES

An Account of Social Life in the days of Brummel and D'Orsay. By E. Brresford Chancellor. A Series of Chapters on the time of Brummel and D'Orsay, 1800-1843. With numerous Illustrations from Rare Prints and Original Drawings. Large 8vo, cloth, gilt. 25s. net.

PROVERB STORIES OF MANY LANDS

By Lucile Berk. 12 Stories, each written round an historical figure, recounting an adventure, and summed up in a proverb. With 4 full-page Illustrations. Crown 8vo, cloth, lettered. 7s. 6d. net.

HOMEWORK AND HOBBYHORSES

New poems by Boys of the Perse School, Cambridge. Edited by H. CALDWELL COOK, M.A. Containing 46 poems, Ballads, Rimes, with 5 Carols set to Music composed by F. G. Hambleton. Small crown 8vo, cloth, paper sides. 3s. 6d. net.

A CENTURY OF FRENCH FASHION AND COSTUME

A Miniature Portfolio of 80 Plates, coloured by hand, giving a panorama from the Regency to present times, in 4 complete quarter-century sections. Square 8vo, in small portfolio, artistic boards. 20s. net.

DRAWING FOR ART STUDENTS AND ILLUSTRATORS By Allen W. Seaby. Containing 220 pages, with 113 Illustrations printed in Sepia, mostly full-page Plates, from drawings by Old and Modern Artists. Second Edition, revised and enlarged. Medium 8vo, cloth, paper sides. 10s. 6d. net.

COMPOSITION

An Analysis of the Principles of Pictorial Design. By CYRIL C. PEARCE, R.B.A. With chapters on Tone, Distribution, Gradation, Scale, Perspective, Rhythm, Harmony and Balance of Colour, Discords. Illustrated by 130 comparative and analytical Drawings, Sketches, and Diagrams, 6 Plates in Colour, and 28 full-page Illustrations from Paintings by great Masters. 8vo, half-cloth. 12s. 6d. net.

PEN DRAWING

A Practical Manual on Materials, Technique, Style, Texture, etc. By G. M. Ellwood. Containing sections on History—Technique—Materials—Figures, Faces and Hands—Style and Methods—Landscape and Architecture—Modern Work—Magazine Illustration—Humorous Drawing Advertisements—Fashion. With numerous practical Diagrams by the Author, and 100 pages of Illustrations by the chief Pen Draughtsmen of present and recent times. Medium 8vo, half-cloth 12s. net.

THE ART OF DRAWING IN LEAD PENCIL

By JASPER SALWEY, A.R.I.B.A. A Practical Manual dealing with Materials, Technique, Notes and Sketching, Building up, Form and Style, Process Reproduction, etc. Second Edition, revised and enlarged. Containing 232 pages with 122 finely printed reproductions of selected Pencil Drawings of Land and Seascapes, Figure-Studies, Book-Illustrations, etc. Medium 8vo, cloth, gilt, paper sides. 12s. 6d. net.

THE ART AND PRACTICE OF SKETCHING

A Comprehensive Treatise on the Practice of Sketching by every method. By JASPER SALWEY, A.R.I.B A. The Author deals successively with various media—Pen, Pencil, Water-Colour, Oil, Wash, Crayon, Chalk, etc., and gives a complete account of the Technique of each. Illustrated by 64 Plates of half-tone illustration and 6 Plates in Colour, with various Line Illustrations in the Text from the work of great masters. Medium 8vo, cloth, paper sides. 12s. 6d. net.

SKETCHING IN LEAD PENCIL FOR ARCHITECTS AND OTHERS

By Jasper Salwey, A.R.I.B.A. An Introduction to the same author's "Art of Drawing in Lead Pencil," but dealing entirely with sketching as differentiated from the making of finished drawings. A practical manual for the Student, Artist and Architect. Containing 111 pages and 56 illustrations, by well-known artists in the medium, and by the author. Medium 8vo, half-cloth 7s. 6d. net.

SKETCHING FROM NATURE

A Practical Treatise on the Principles of Pictorial Composition. By F. J. GLASS. CONTENTS: Choice of Subject and Planning of Sketch—Tones—Exercises in Composition—Examples from the Old Masters. With 6 Plates in Colour and numerous compositions from the Author's Drawings, and a series of Plates by Peter de Wint, Crome, Constable, Harpignies, Bonington, etc. 8vo cloth. 10s. 6d. net.

ANIMAL ANATOMY AND DRAWING

By Edwin Noble. Illustrated by a series of Plates in facsimile of the Author's Drawings of Horses, Cattle, Dogs, Birds, and Wild Animals, representing also Features, Details, etc. Including also numerous full-page and smaller line Drawings of Anatomy, Muscles, Bones, etc. Medium 8vo, cloth. 10s. 6d. net.

FIGURES, FACES AND FOLDS

A Reference Book on Costume and the Female Countenance and Form. For Fashion Artists, Dress Designers, and Art Students. By Additional Armand Braun. Containing 112 comparative Plates, giving over 300 Illustrations of Costume and Drapery, and of typical Women's Faces, from antique statues and paintings. Including a special series of nude and draped studies from selected models specially posed for fashion work. With practical text, dress diagrams, figure details, anatomy analysis, etc. Demy 4to, stiff paper covers, 18s. net; cloth, gilt, 21s. net.

THE HIEROGLYPHIC OR GREEK METHOD OF LIFE DRAWING

By A. A. Braun. An original method of teaching figure-drawing, with illustrative Diagrams and Sketches in the text, and 64 full-page Plates from Photographs of a specially selected female model. New and Revised Edition. 4to, paper. 18s. net.

THE CHILD IN ART AND NATURE

By A. A. Braun. Containing chapters on Anatomy, Development, and Expression, and over 300 Illustrations from Photographs and Drawings of child poses, expressions, the Child Figure in Art. Second Edition, revised and enlarged. 4to, in stiff covers, 18s. net; or cloth, gilt, 21s. net.

THE HUMAN FORM AND ITS USE IN ART

A Series of 118 Photographic Studies on 73 Plates from specially selected Female and Child Models, by F. R. Yerbury, including a Series of Male Studies by F. H. Crossley, F.S.A. With an Introduction by G. M. Ellwood. Illustrated by 17 Photographic Plates and numerous Text Figures. With Descriptive Notes on the Poses. Large 8vo, cloth. 18s. net.

LIVING SCULPTURE: A RECORD OF EXPRESSION IN THE HUMAN FIGURE

By Bertram Park and Yvonne Gregory. With an historical and descriptive Introduction by G. Montague Ellwood. Comprising a Series of 47 full-page Studies of Selected Male and Female Figures with Descriptive Notes. The Introduction is illustrated by 9 plates, giving 16 examples of the Human Form in Prehistoric, Greek, Renaissance and newest Art. Small 4to, cloth, gilt. 21s. net.

ALPHABETS, OLD AND NEW

With 224 complete Alphabets, 30 series of Numerals, many Ancient Dates, etc. Selected and Arranged by Lewis F. Dax. With a short account of the Development of the Alphabet. Crown 8vo, cloth. 7s. 6d. net.

"A book which has, perhaps, proved more helpful than any ever before issued on the subject of alphabets."—The Decorator.

LETTERING AND WRITING

A Series of Alphabets and their Decorative Treatment, with Examples and Notes. By Percy J. Smith. Containing 16 Plates in line, to a large scale, printed on boards. Large 4to, in Cardboard Portfolio. 6s. 6d. net.

LETTERING

By A. E. PANNE, A.R.C.A. Containing 20 full-page Plates of large-size Alphabets and Initials, with Preliminary Text, including Diagrams. 8vo, art paper covers. 3s. 6d. net.

THE ROMAN ALPHABET AND ITS DERIVATIVES A large-sized Reproduction of the Alphabet of the Trajan Column, By Allen W. Seart. A Series of large Plates, printed from the wood blocks, and including typical examples of Renaissance, Gothic, and Modern Alphabets and Types. With Introduction and Descriptive Notes. Medium 4to, half-bound, lettered. 6s. 6d. net.

EVERYDAY ART AT SCHOOL AND HOME

By D. D. SAWER. A Practical Course based on the new Board of Education "Suggestions to Teachers," and adaptable to Dalton Methods, containing graduated lessons on Brushwork, Design, Flower-painting, etc., with sections on Architectural Drawing, Lettering, Stained Glass, Leatherwork, and other Crafts. With 64 Plates in half-tone, from the Author's Drawings, numerous full-page and smaller Illustrations in line, and a series of 8 Plates in Colour, many Verse Extracts, etc. Medium 8vo, cloth. 12s. 6d. net.

DRAWING, DESIGN AND CRAFTWORK

For Teachers, Students, and Designers. By Fredk. J. Glass. Containing 224 pages, with over 1750 Illustrations on 214 Plates, from Drawings by the Author. Demy 8vo, cloth. 12s. net.

"Mr. Glass's book is very comprehensive, embracing practically every kind of art work that is likely to be attempted in elementary or secondary schools, and ranging from simple drawing to various forms of craft work. The book is lavishly illustrated and its general get-up reflects the utmost credit on all concerned."—The Journal of Education

MODELLING

A Practical Treatise for the Use of Students, etc. By F. J. Glass. Containing Chapters on Modelling for Bronze, Wood, Stone, Terra-Cotta, etc; Modelling a Bust from Life; Figure Modelling; Relief Work; Composition; Casting; Gelatine Moulding; Proportionate Enlargement, etc. With an additional section on the History of Sculpture and Modelled Ornament. Illustrated by about 30 Plates of comparative stages and processes of Modelling, with about 35 Plates of the greatest Sculpture of all Periods, together with many Line Illustrations in the Text. Large 8vo, cloth, gilt. 21s. net.

ETCHING CRAFT

An Illustrated Guide for Students and Collectors. By W. P. Robins, R.E. with a Foreword by Martin Hardis, Victoria and Albert Museum. Containing 250 pages on History, Technique, the work of the great Etchers, Dry-point, Aquatint, etc. Illustrated by 100 Plates of Etchings by Durer, Rembrandt, Hollar, Whistler, Brangwyn, Clausen, Augustus John, Meryon, Forain, Zorn, and many other famous Etchers. Large 8vo, half-bound, gilt. 15s. net (formerly 21s. net).

CRAFTWORK IN METAL

A Practical Elementary Textbook for Teachers, Students, and Workers. By Alfred J. Shirler. Comprising a series of progressive Lessons and Exercises, illustrated by numerous full-page Plates from the Author's Drawings, each accompanied by detailed working directions, including also Practical Notes, Tables, etc. Medium 8vo, cloth. 7s. net.

"It bears the imprint of the successful practical teacher—hence its value to other teachers of the craft. We predict the book will be extensively used by teachers and students in the metalwork centres."—The London Schoolmaster.

APPLIED ART

A Manual of Practical Drawing, Painting, Design and Handicraft (arranged for Teachers, Parents, and Students). By Pedro J. Lemos, Leland Stanford University. Contaming 380 pp., divided into 8 yearly courses, with about 200 full-page Plates in colour, half-tone, and line, of Sketches, Drawings, Posters, etc., in many styles and different Media, Colour Schemes, Designs, Lettering, etc. 8vo, cloth. 28s. net.

ONE HUNDRED AND ONE THINGS FOR BOYS TO MAKE

By A. C. HORTH. With Notes on Workshop Practice and Processes, Tools, Joints, and full reliable directions for making Working Models. Illustrated by numerous full-page and smaller practical Diagrams and Sketches, specially prepared. Crown 8vo, cloth. 5s. net.

THE NEW INTERIOR DECORATION

An Introduction to its Principle and International Survey of its Methods. By Dorothy Todd and Raymond Mortimer. With over 200 Illustrations on 96 Plates of Interiors of every sort. Furniture, Carpets, Textiles, Lighting, Wall Painting, etc., of the new school by such Architects and Artists as Le Corbusier, Mallet-Stevens, Gropius, Oud, Duncan Grant, Lescaze, etc. With a frontispiece in colour from a drawing by E. McKnight Kauffer and full Introductory and Practical Text. Demy 4to, art canvas, with decorative wrapper by E. McKnight Kauffer, 18s. net.

MODERN DECORATIVE INTERIORS IN COLOUR

A Series of 100 full-page Plates from Water-Colours by German and Austrian Designers, showing Halls, Studies, Boudoirs, Living and Drawing-rooms, Dining-rooms, Bedrooms, usually modern in feeling. With some examples for Hotels, Cinemas, and other public buildings. 4to. cloth, gilt. 38s. net.

COLOUR SCHEMES FOR MODERN INTERIORS

120 full-page Plates of Designs in Colour, affording ideas for every kind of interior, from the most luxurious to the most modest. 4to, cloth, gilt. £2 2s. net.

MODERN GERMAN INDUSTRIAL BUILDINGS

A Series of 70 full-page Photographic Plates of Office Buildings, Factories, Warehouses, Silos, Towers, Stations, in Brick and Concrete. Small 4to, in artistic stiff paper covers. 5s. net.

MODERN THEATRE CONSTRUCTION

By Edward Bernard Kinsila. An Analysis of the Principles of Theatre Planning and Equipment for Modern Needs, including a special section on Cinematograph Houses. With 48 Plans and Illustrations. A useful Standard Book on Theatres and Cinemas. Imperial 8vo, cloth. 18s. net.

RESIDENTIAL FLATS OF ALL CLASSES, INCLUDING ARTISANS' DWELLINGS

A Practical Treatise on their Planning and Arrangement, By SYDNEY PERKS, F.R.I.B.A., P.A.S.I. Containing 226 Plans and Illustrations of Examples by leading architects in England, the Continent, and America. Imperial 8vo, cloth, gilt. 25s. net.

PUBLIC BATHS AND WASH-HOUSES

Their Planning, Arrangement, and Fitting, with Chapters on Turkish and other Special Baths, Public Laundries, Heating, Water Supply, etc. By Alfred W. S. Cross, M.A., F.R.I.B.A. Containing 284 pages, with 274 Illustrations of Plans, Elevations, and Constructive and Engineering Details. Imperial 8vo, cloth, gilt. 25s. net.

A BOOK OF BUNGALOWS AND MODERN HOMES

A Series of Typical Designs and Plans. By Cecil J. H. Keeley, A.R.I.B.A. Comprising 80 pages, with 36 designs for one-storey bungalows and two-storey houses, in each case giving full-page perspective drawing and a plan, with full descriptive text, costs, etc. With a selection of interiors, two photographic plates, and a frontispiece in colour. Large 8vo, cloth 7s. 6d. net.

BUNGALOWS

Their Design, Construction, and Furnishing, with suggestions also for Camps, Summer Homes, and Cottages of similar character. By Henry W. Saylor. With over 200 Illustrations. 4to, cloth. 18s. net.

THE PRINCIPLES OF PLANNING BUILDINGS

By Percy L Marks. With Notes on the essential Features and Requirements of different Classes of Buildings. Containing over 200 pages, illustrated by over 250 Plans, mainly of important Modern Buildings. Fourth Edition, revised and enlarged. Large 8vo, cloth, gilt. 25s. net.

THE SMALLER HOUSE OF TO-DAY

By Gordon Allen, F.R.I.B.A., Winner of the *Daily Mail* Prize for the Best £1500 House. Containing Notes on Sites and Subsoils, Plans, Exteriors, Methods, Interiors, Hygiene, Gardens, Finance, etc. With 2 Plates in Colour, 64 from Photographs, and 153 Illustrations from Line Drawings, of Houses, Plans, and Designs. 8vo, cloth. 10s. 6d. net.

THE CHEAP COTTAGE AND SMALL HOUSE

By J. GORDON ALLEN, F.R.I.B.A. New Edition, remodelled and enlarged, containing over 150 Illustrations from Drawings and Photographs of Cottages and their Plans, Housing Schemes, etc., from the latest Designs. 8vo. cloth. 8s. 6d. net.

THE ART AND CRAFT OF HOME MAKING

A Comprehensive Guide with an Appendix of Household Recipes. By EDWARD W. GREGORY. Second Edition, revised, with additional chapters and new Illustrations. Containing Practical Hints and Information on such subjects as Taking a House—Wallpapers—Furnishing Various Rooms—Pictures—Kitchen—Heating—Carpets—Curtains—Things that Get Out of Order—Costs, etc. Containing 224 pages, with 9 Plates in full colour of decorative schemes by Gordon Blunt, numerous Photographs of Interiors by well-known architects, and many Sketches, Plans, and Diagrams in the Text. Square 8vo, cloth, lettered. 7s. 6d. net.

FURNITURE FOR SMALL HOUSES

A Series of Designs. By Percy A. Wells. Containing 56 Plates reproduced from Photographs and Working Drawings by the Author, together with Illustrations in the Text. Small 4to, cloth. 12s. 6d. net.

"Mr Wells's main concern is with the practical needs of a small house, and from this point of view his work is quite excellent. The photographs maintain the high standard which we associate with Messrs Batsford's publications, and the book should be read and studied by all who are interested in the long-awarted renascence of English cabinet-making."—The Athenaum.

MODERN CABINET-WORK, FURNITURE AND FIT-MENTS

An Account of the Theory and Production of all kinds of Cabinet-work and Furniture. By PERCY A. WELLS, and JOHN HOOPER. Containing 400 pages, with over 1000 Practical Workshop Drawings, Photographs, and Original Designs. Third Edition, revised and enlarged. Crown 4to, cloth, lettered. 25s. net.

LESSONS IN CARPENTRY AND JOINERY

By George Ellis. Presenting a carefully graduated series of subjects in 39 large Plates, fully lettered and dimensioned, and comprising about 500 figures and numerous practical details. With full Descriptive Text. Oblong demy 4to, cloth, lettered. 10s. 6d. net.

STAIR BUILDER'S GUIDE

A Treatise on the Theory and Practice of the Construction of Straight Flight, Platform, Cylindrical and Elliptical Stairs. By Morris Williams. Containing 250 pages and 30 chapters. Including 327 clear and practical Diagrams, and 31 Photographic Illustrations. Large 8vo, cloth, lettered. 128, 6d, net.

MODERN PRACTICAL JOINERY

A Treatise on Joiners' Work by Hand and Machine. By George Ellis. Fourth Edition, revised and enlarged, containing 592 pages of Text, and over 1400 Illustrations, including 41 Photographic Plates and 20 double-page and folding Plates. Complete in 1 vol., 4to, cloth, £2 5s. net; or separately in 3 vols., half-bound, Vol. 1, 15s. net; Vol. II, 18s. net; Vol. III, 12s. 6d. net.

"Mr Ellis's great work has now become a classic. It is known to experts everywhere as the most comprehensive and most reliable work on joinery in the English language."—Illustrated Carpenter and Builder.

MODERN PRACTICAL CARPENTRY

By George Ellis. Containing a full description of Methods of Constructing and Erecting, and various Structural Details. 450 pages, with 1100 clear and practical Illustrations. Crown 4to, cloth, 30s. net; or separately in 2 vols., half-bound, 16s. each net. New Impression.

"... It excels nearly all in its completeness. There is a large number of clear detailed drawings. The production of the work is worthy of the excellence of the subject-matter."—
The Carpenter and Builder.
".. Anyone confronted with an unusual difficulty would almost surely find its solution

".. Anyone confronted with an unusual difficulty would almost surely find its solution somewhere in the volume."—The Building News.

HANDCRAFT IN WOOD AND METAL

A Handbook for the use of Teachers, Students, Craftsmen, and others. By JOHN HOOPER and ALFRED J. SHIRLEY. With over 300 Illustrations from Drawings and Photographs. Second Edition, revised and enlarged. Large 8vo, cloth, lettered. 10s. 6d. net.

ENAMELLING

A Comparative Account of the Development and Practice of the Art. For the Use of Artists, Craftsmen, Students, etc. By Lewis F. Day. With 115 Illustrations, reproduced from Special Drawings and Photographs. Demy 8vo, cloth, gilt. 8s. 6d. net.

THE ART OF BRASS REPOUSSE

By GAWTHORP, Art Metal Workers to His Majesty. Fifth Edition, revised and enlarged. With 43 Illustrations from Photographs, etc. 8vo, paper covers. 2s. 6d. net.

PLASTERING: PLAIN AND DECORATIVE

A Practical Treatise on the Art and Craft, Materials, Processes, and Appliances. By WILLIAM MILLAR. With a Chapter on the Historical Side by the late G. T. Robinson, F.S.A. Fourth Edition, revised, re-modelled and largely rewritten by George P. Bankart. Containing upwards of 350 pages, with 123 full-page and smaller Illustrations from practical Drawings and Prints, and over 250 examples of Old and Modern Work. Crown 4to, cloth. 30s. net.

"It is a thoroughly practical treatise on plastering, with which it deals worthly as a great art and craft."—Professor W. S. Purchon in The Western Mail.

PRACTICAL DRAPERY CUTTING

A Handbook on Cutting and Fixing Curtains, Draperies, etc., with Descriptions and Notes, for the use of Upholsterers, Cutters, and Apprentices. By E. NOETZLI. Illustrated by 30 full-page Plates. Demy 4to, cloth, gilt. 158. net.

MODERN TECHNICAL DRAWING

For Students, and all connected with the Building Trades. By George Ellis. Containing a description of the methods of preparing Detail and Working Drawings, with accounts of Instruments, Lettering, Perspective, Projection, etc., and numerous full-page and smaller Illustrations from the Author's Drawings. Second Impression. Large crown 8vo, cloth, lettered. ros. 6d. net.

ARCHITECTURE AS A CAREER

A Guide for Prospective Students of either Sex. By PHILIP A ROBSON, F.R.I.B.A. A useful little guide giving much valuable and exact information respecting the entry into the profession and the Study of Architecture generally. With 16 interesting Illustrations. Large crown 8vo, boards, half-cloth. 5s. net.

ARCHITECTURAL PRACTICE AND PROCEDURE

A Handbook for Students and Practitioners. By Hamilton H. Turner, F.S.I. A Review of the Business Side of an Architect's Work and of the Organisation of the Office. Containing 340 pages, with numerous Specimen Forms and Schedules, Plans, Reports, Illustrations, etc. 8vo, cloth. 15s. net.

THE SUPERVISION OF BUILDING WORK AND THE DUTIES OF A CLERK OF WORKS

By John Leaning, F.S.I. Second Edition, revised and enlarged. Containing 200 pages of Practical Hints, taking Trade by Trade, with Reports, Forms, Work in Government Departments, Examination Papers. Small 8vo, cloth. 5s. net.

ARCHITECTURAL DRAWING

By G. GORDON HAKE, F.R.I.B.A., and E. H. BUTTON, Architects. A treatise for Architects and Students on Architectural Drawing of every type and in every medium. With 96 pages of text, 8 pages of half-tone illustrations and about 50 line illustrations in the text. Medium 8vo, cloth, 8s. 6d. net.

ARCHITECTURAL SKETCHING AND DRAWING IN PERSPECTIVE

A Progressive Series of 36 Plates, illustrating the Drawing of Architectural Details, and Sketching to Scale; with Chapters on Various Perspective Methods, Figures, Foliage, etc. By H. W. ROBERTS. Large imperial 8vo, cloth. 8s. 6d. net.

THE PRINCIPLES OF ARCHITECTURAL PERSPECTIVE

With chapters on Isometric Drawing and the Preparation of Finished Perspectives. By G. A. T. MIDDLETON, A.R.I.B.A. Containing 54 Diagrams and 9 large Plates by well-known Architects. 8vo, cloth. 4s. 6d. net.

ARCHITECTURAL DRAWING

By RALPH F. WINDOES and HARVEY B. CAMPBELL. A Course for Students in Secondary and Technical Schools, etc. With 125 pages, and over 90 Illustrations and Diagrams. 8vo, cloth. 10s. 6d. net.

ARCHITECTURAL SHADES AND SHADOWS

By H. McGoodwin, Instructor in Architecture at the University of Pennylvania. With 81 Plates. 4to, cloth, gilt. 218. net.

ARCHITECTURAL COMPOSITION

By NATHANIEL CORTLAND CURTIS, A.I.A. Illustrated with numerous Drawings by the Author. Small 4to, cloth, lettered. 30s. net.

SKETCHING AND RENDERING IN PENCIL

By ARTHUR L. GUPTILL. A practical Manual on a useful Art, Treating of Equipment, Object Drawing, Freehand, Perspective, Cast and Life Work, Graded Tones, Representation of Small Buildings, Details, Interiors, Outdoor Sketching, etc. With 100 full-page and smaller Illustrations of renderings, objects, furniture, figures and features. Large 4to, boards, cloth back. 30s. net.

BUILDING CONSTRUCTION & DRAWING (ELEMENTARY)

By CHARLES F. MITCHELL, assisted by George A. MITCHELL. Tenth

Edition, Revised and greatly Enlarged. Containing 470 pages of Text,

with over 1100 Illustrations, fully dimensioned. Crown 8vo, cloth, gilt.

6s. 6d. net.

"The book is a model of clearness and compression, well written and admirably illustrated, and ought to be in the hands of every student of building construction."—The Builder.

BUILDING CONSTRUCTION (ADVANCED)

By Charles F. Mitchell, assisted by George A. Mitchell. Containing 900 pages of Text, with over 800 Illustrations, fully dimensioned. Tenth Edition, thoroughly Revised and Enlarged. Crown 8vo, cloth, gilt. 10s. 6d. net.

"Mr. Mitchell's two books form unquestionably the best guide which any student can obtain at the present moment — In fact, so far as it is possible for anyone to compile a satisfactory treatise on building construction, Mr. Mitchell has performed the task as well as it can be performed."—The Builder.

BUILDING CONSTRUCTION PLATES

By A. Buchanan and W. H. Hudson. With pages for Students' Notes. Vol. I. Elementary Stage, 40 Plates. Vol. II. Advanced Stage, 50 Plates. (New Impression, revised.) Oblong 8vo, in stout paper covers. Part I, 5s.; Part II, 5s. 6d.

"Mr. Buchanan's extensive teaching experience has enabled him to set down just what is most essential to students, and the drawings, all prepared by the author, are clear, definite, and helpful."—Municipal Engineering.

STRUCTURAL DESIGN IN STEEL FRAME BUILDINGS Comprising the detailed design of typical large Structural Members of Steel Frame Buildings, with calculations and working drawings. By PERCY J. WALDRAM. With 8 double-plate Working Diagrams, 4to, half-bound in cloth, lettered. 12s. 6d. net.

REGULATIONS OF THE LONDON COUNTY COUNCIL RELATING TO STRUCTURAL STEEL WORK (London Building Act Amendment, 1909) AND TO REINFORCED CONCRETE, 1916

As drawn up and sanctioned by the Local Government Board. A Reprint of the Official Text, with Notes, Explanations, and Worked Examples, including numero us Illustrations, by EWART S. ANDREWS, B.Sc., M.C.I. Second Edition, revised and extended. Crown 8vo, cloth, lettered. 4s. net.

THE STRUCTURAL ENGINEER'S POCKET BOOK

By EWART S. Andrews, B.Sc. Containing 356 pages, with numerous Formulæ, Tables, Practical Illustrative Diagrams, etc. Small 8vo (pocket size), cloth. 18s. net.

CLARKE'S POCKET-BOOK OF TABLES AND MEMORANDA FOR PLUMBERS, BUILDERS, SANITARY AND ELECTRICAL ENGINEERS, Etc.

By J. WRIGHT CLARKE. New and revised Edition. Small pocket size, leather, 2s. 6d. net. Or in celluloid case, 3s. 6d. net.

"It is obviously one of those things a tradesman should carry in his pocket as religiously as he does a foot-rule."—The Plumber and Decorator.

THE CONSTRUCTION OF A HOUSE

A Series of 40 Plates of Plans, Elevations, Sections, and Details, with Descriptive Text, of a Country House, from the Author's specially prepared Drawings. By CHARLES GOURLAY, B.Sc., A.R.I.B.A. Second Edition, revised and condensed. Royal 4to, cloth. 7s. 6d. net.

INDEX OF AUTHORS' NAMES

Adam, Decorative Works, 8
Allen, Cheap Cottage, 26
—— Small House, 26
Anderson & Spiers, Greece and Anderson & Spiers, Greece and Rome, 2 Anderson, Italy, 2 Andrews, Engineer's Pocket Book, 29 Steel Work, 29 Art Workers' Studio, 15 Ashbee, Teaching Art, 13 Ashby, Arch. of Rome, 2 Bailey Spanish Towns, 21 Bankart, Platering, 27 Bates & Charlesworth, Geometry, 30 Batsford, Mural Monuments, 5 Bell, Pewter, 10 Bennett, Plumbing, 30 Berk, Proverb Stories, 21 Beveridge, Renaissance Wood-work, 9 Blake, Building Repairs, 30

— Drainage, 30

Blum & Tatlock, History of Art,
18 Brandon-Jones, Statch Patterns, Braun, Child in Art, 23
— Figures, Faces, Folds, 23
— Life Drawing, 23
Buchanan, Building Construction, 29
Buckle & Day, Needlework, 17
Budden, Gothic Churches, 5
Burlington Magazine Monographs, 12
Burton, Forcelain, 10
Butterfield, Floral Forms, 16
Byne & Stanley, Spanish In-Byne & Stapley, Spanish In-teriors, 10 Campbell & Windoes, Archl. Campbell & Windoes, Archl.

Drawing, 38
Chadwick, Fashion Drawing, 16
Chancellor, 18th Century, 21
— Regency Persod, 21
Christie, Samplers, 17
Cladel, Rodin, 13
Clarke, Tables, 29
Collector's Library, 10
Colow Schemes, 25
Cook Homesork and Hobby-COUR, Homework and Hobby-horses, 21 Cotterell, Pewter, 10 Cox, G. J., Art for Amateurs, 13 Cox, J. C., Church Fillings, 6 — County Churches, 5 Cross, Public Balls, 25 Crossley, Monuments, 5 Crossley & Howard Cook, Homework and Hobby-Crossley & Howard Woodwork, 6 & Howard, Church Cundall, Water Colour Painting, Curtis, Archl. Composition, 28 Davison, Raffles, 21 Day, Alphabets, 23 - Enamelling, 27 - Needlework, 17 — Pattern Design, 14 De Loo, Renders Collection, 11 Decorative Interiors, 25 Dinsmoor, Greek Architecture, 2 Dodgson, Durer's Drawings, 12 Eberlein & Richardson, Inns, 20 — Smaller House, 3
Edmondson & Sugden, Wallpaper, 9
Elliot & Hartley, Life and Work, 20 Ellis, Carpentry, 27
— Drawing, 27
— Joinery, 27
— Lessons, 26

Ellwood, Furnsture, 8 Eliwood & Yerbury, Human Form, 23

Fenn & Wylhe, Furniture, 10 Fleming, Folk Tales, 19 Fletcher, Architecture, 1 French Fashion, 21

Garner & Stratton, Tudor Architecture, 4 Garside, Furniure, 9 Gawthorp, Repousse, 27 Georgian Art, 12 German Industrial Buildings, 25 Glass, Drawing, Design, 24

— Modelling, 24

— Shetching, 22 Glazier, Ornament, 14 - Textiles, 17 Godfrey, English Architecture, 4

- Gardens, 6 Goodwin, French Architecture, 3 Goodwin, French Archisecture, 3
Gottch, English House, 3
Gourlay, Cons. of House, 29
Gregory, Home Making, 26
Grober, Tovs, 10
Gromort, Classic Architecture, 2
Guptill, Pencil Randering, 28 Gusman, Pompes, 3

Hake & Button, Archl. Drawing, 28 Hamlin, Ornament, 15 Hartley & Elliot, Life and Work,

20 Heal, Trade Cards, 9
Hicks, Hand-made Rugs, 16
Hobson, Porcelan, 11
Hooper & Shurley, Handcraft, 27
Hooper & Wells, Cabinet Work, ag 26

Horth, 101 Things, 24
Howard & Crossley,
Woodwork, 6 Church Hudson & Buchanan, Building Cons., 29

Jackson, English Plate, 10 Jekyll, Household Life, 20 Jones, Toursng, 21 Jourdain, Decoration and Furni-ture, 7, 8 — Interiors, 8

Keeley, Bungalows, 25 Kelly & Schwabe, Costume, 16 Kimball, Architecture, 1 King, Gardens, 6 Kinsila, Theatre Cons, 25 Knowles, Dutch Pottery, 10

- Plasterwork, 8

Le Blond, Italian Gardens, 6 Leaning, Clerk of Works, 28 Lemos, Applied Art, 24 Lenygon, Decoration and Furniture, 7

Lester, Costume, 16 Leverhulme Art Monographs, 11 Library of Decorative Art, 7 Lutz, Graphic Figures, 16

Macquoid, Furniture, 11 Marks, Planning, 26 Mawson, Garden-making, 8 McGoodwin, Shades and Shadows, 28 Meyer, Ornament, 14

Middleton, Perspective, 28 Millar, Plastering, 27
Mitchell, Building Cons, 29
—— Classic Architecture, 3
Mortimer & Todd, Modern Decn, 25

Mulliner, Decorative Arts, 15 Murphy, Ironwork, 9

Noble, Animal Drawing, 32 Noetzli, Drapery Cutting, 37

Oliver, Cottages, 4 Old Master Drawings, 12

Palencia, Spanish Costume, 16 Park & Gregory, Living Sculp ture, 23 Payne, Lettering, 23 Payne, Lettering, 23
Pearce, Composition, 22
Pératé, Versailles, 3
Perks, Residential Flats, 25
Pessel, Canuas Embroidery, 17
Pratt, Cathedrals, 5
Pulbrook, Country Life, 20
Countryside, 20

Quennell, Everyday Life, 18, 19 Everyday Things, 18

Roberts, Archl. Sketching, 28 Robins, Etching, 24 Robson, Archire. as a Career, 28 Roe, Church Chests, 9

Roe, Church Chests, 9
Saglio, French Furmiure, 10
Salwey, Lead Pencul, 22
— Sketching, 22
Sawer, Everyday Art, 24
Salzman, Tudor England, 19
Saylor, Bungalows, 28
Schede, Acropolis, 3
Seaby, Art of Mankind, 13
— Drawing, 22
— Roman Alphabet, 23
Shirley, Metaleraft, 24
Significance of the Fine Arts, 13
Smith, Lettering, 23
Spanish Art, 12
Speltz, Coloured Ornament, 14
— Styles of Ornament, 14
Spiers, Orders, 1 Spiers, Orders, 1 Stapley, Spanish Weaving, 17 Stapley & Byne, Spanish In-teriors, 10 Statham, Architecture, 1 Stratton, Archi. Diagrams, 4
— Elements, 1
Stratton & Garner, Tudor Archi-

iecture, 4
Strzygowski, Church Art, 5
Sugden & Edmondson, Wallpaper, 9 Swiss Filet Lace, 16

Tatlock, English Painting, 11 Tatlock & Blum, History of Art, 13

Todd & Mortimer, Modern
Decoration, 25
Townsend, Decorative Art, 15
Turner, Archil. Procedure, 28

Vallance, Crosses and Lychgates, Varnum, Industrial Arts, 15 Villiers-Stuart, Spanish Gadens, 6 Vulliamy, Classic Ornament, 2

Waldram, Steel Frame Buildings

Ward, French Archire, 2 Waterhouse, Story of Archire., 1 Weaver, Leadwork, 9 Wells, Furniture, 26 Wells, Furniture, 26
Whitcomb, Story of Art, 13
Wilder, Prehistoric Man, 19
Williams, Stair Building, 26
Willson, Ypres, 3
Wyllie, Furniture, 10
— Sheffield Plate, 10

Yerbury & Ellwood, Human Form, 23

PRESIDENT'S SECRETARIAT LIBRARY